

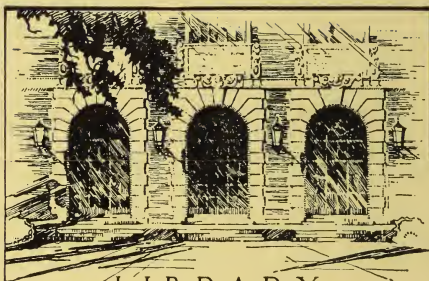
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GLASGOW UNIVERSITY  
CALENDAR

FOR THE YEAR 1878-79.



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## MAY 1878.

1 W  
 2 Th  
 3 F  
 4 S  
 5 S  
 6 M  
 7 Tu  
 8 W  
 9 Th  
 10 F  
 11 S  
 12 S  
 13 M  
 14 Tu  
 15 W  
 16 Th  
 17 F  
 18 S  
 19 S  
 20 M  
 21 Tu  
 22 W  
 23 Th  
 24 F  
 25 S  
 26 S  
 27 M  
 28 Tu  
 29 W  
 30 Th  
 31 F

Summer Session commences.

Payment of Tradesmen's Accounts

## JUNE 1878.

1 S  
 2 S  
 3 M  
 4 Tu  
 5 W  
 6 Th  
 7 F  
 8 S  
 9 S  
 10 M  
 11 Tu  
 12 W  
 13 Th  
 14 F  
 15 S  
 16 S  
 17 M  
 18 Tu  
 19 W  
 20 Th  
 21 F  
 22 S  
 23 S  
 24 M  
 25 Tu  
 26 W  
 27 Th  
 28 F  
 29 S  
 30 S

Theses for M.D. given in to Assistant-Clerk of Senate.

## JULY 1878.

1	M	Names of Candidates for Third Professional Examination in Medicine, and for Degrees in Law (Law Subjects), given in to Assistant-Clerk of Senate.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	Third Professional Written Examination for Degrees in Medicine.
8	M	
9	Tu	
10	W	
11	Th	
12	F	
13	S	
14	S	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	S	
22	M	
23	Tu	
24	W	
25	Th	Meeting of Senate. Graduation in Medicine.
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	

## AUGUST 1878.

1	Th
2	F
3	S
4	S
5	M
6	Tu
7	W
8	Th
9	F
10	S
11	S
12	M
13	Tu
14	W
15	Th
16	F
17	S
18	S
19	M
20	Tu
21	W
22	Th
23	F
24	S
25	S
26	M
27	Tu
28	W
29	Th
30	F
31	S



## SEPTEMBER 1878.

1 S  
 2 M  
 3 Tu  
 4 W  
 5 Th  
 6 F  
 7 S  
 8 S  
 9 M  
 10 Tu  
 11 W  
 12 Th  
 13 F  
 14 S  
 15 S  
 16 M  
 17 Tu  
 18 W  
 19 Th  
 20 F  
 21 S  
 22 S  
 23 M  
 24 Tu  
 25 W  
 26 Th  
 27 F  
 28 S  
 29 S  
 30 M

Names of Candidates for First Second and Third Professional Examinations in Medicine given in to Assistant-Clerk of Senate.

## OCTOBER 1878.

1 Tu  
 2 W  
 3 Th  
 4 F  
 5 S  
 6 S  
 7 M  
 8 Tu  
 9 W  
 10 Th  
 11 F  
 12 S  
 13 S  
 14 M  
 15 Tu  
 16 W  
 17 Th  
 18 F  
 19 S  
 20 S  
 21 M  
 22 Tu  
 23 W  
 24 Th  
 25 F  
 26 S  
 27 S  
 28 M  
 29 Tu  
 30 W  
 31 Th

Names of Candidates for M.A., B.L. (Arts subjects), B.Sc., and Certificates in Engineering Science, wishing to be examined in November, given in to Assistant-Clerk of Senate.

} Preliminary Examination of Medical Students. (10.) Names of Candidates for Scholarships, &c., given in to Assistant-Clerk of Senate.

First Professional Written Examination for Degrees in Medicine.

Second do. do. do.  
 Third do. do. do.

Theses for M.D. given in to the Assistant-Clerk of Senate.

Matriculation for the year commences.

Competition for Rainy Bursary.

(Thursday before last Tuesday). Sacramental Fast.

[Accounts for preceding half-year.  
 Medical Classes meet. Last day for receiving Tradesmen's and other (Wed. before opening of Session.) General Council meets.  
 Names of Competitors for Bursaries and for Preliminary Examinations in Arts given in to the Assistant-Clerk of Senate.]

## NOVEMBER 1878.

1	F	
2	S	Examinations for M.A., B.L. (Arts subjects), &c., commence.
3	S	
4	M	
5	Tu	Public Opening of the University. Bursary Competition and Prelimin-
6	W	Classes meet. [ary Examinations in Arts commence.
7	Th	Meeting of Senate.* Election of Library and other Committees. Pro-
8	F	posals for Honorary Degrees received. (8.) Names of Candidates
9	S	for Bursaries in Divinity to be given in to Clerk of Senate. (9.)
10	S	Examination for Arnott Prizes.
11	M	
12	Tu	
13	W	
14	Th	(14,*15, 16.) Examinations for Bursaries in Divinity.
15	F	Examinations in Hebrew and Biblical Criticism for Degree of Bachelor
16	S	of Divinity,
17	S	
18	M	
19	Tu	
20	W	
21	Th	Graduation. Professors' Accounts for small Class expenses to be given in.
22	F	
23	S	
24	S	
25	M	
26	Tu	
27	W	
28	Th	(Last Thursday.) Meeting of Senate.
29	F	
30	S	Matriculation ends.

## DECEMBER 1878.

1	S	
2	M	Last day for giving in University Prize Essays. Class List transmitted
3	Tu	by each Professor to Assistant-Clerk of Senate.
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	Tu	Payment of Tradesmen's Accounts.
11	W	
12	Th	(Second Thursday.) Meeting of Senate. Election of Armagh Bursar.
13	F	List of Vacant Bursaries published.
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	Christmas Holidays commence.
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	
31	Tu	

\* A Meeting of Senate is held on the Thursday of every week in the Winter Session.

## JANUARY 1879.

1	W	
2	Th	
3	F	Classes re-open.
4	S	
5	S	
6	M	
7	Tu	
8	W	
9	Th	(Second Thursday.) Meeting of Senate. Vacant Bursaries filled up.
10	F	Appointment of Finance and other Committees.
11	S	
12	S	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	
29	W	
30	Th	
31	F	

## FEBRUARY 1879.

1	S	
2	S	
3	M	*Holiday (Monday after last Friday of January).
4	Tu	*Holiday (for Candlemas).
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	
11	Tu	
12	W	
13	Th	(Second Thursday.) Meeting of Senate.
14	F	
15	S	
16	S	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	
27	Th	
28	F	

\* The Candlemas and Monthly Holidays are not observed in the Medical Faculty.

## MARCH 1879.

1	S	
2	M	
3	Tu	Holiday (Monday after last Friday of February).
4	W	
5	Th	
6	F	Meeting of Senate. Proposals for Honorary Degrees received.
7	S	
8	S	
9	M	
10	Tu	Last day for lodging applications for Degrees in Law, Arts and Science, and for Certificates in Engineering Science.
11	W	
12	Th	
13	F	
14	S	Names of Applicants for First and Second Professional Examinations in Medicine given in to Assistant-Clerk of Senate.
15	S	
16	M	
17	Tu	
18	W	
19	Th	
20	F	Last day for receiving Tradesmen's and other Accounts for preceding half-year. Theses for M.D. given in to Assistant-Clerk of Senate.
21	S	(Second last Thursday.) Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed.
22	S	
23	M	Holiday (Monday after Penult Friday). Engineering Examinations for B.Sc. commence.
24	Tu	
25	W	
26	Th	
27	F	} Preliminary Examination of Medical Students.
28	S	
29	S	
30	M	
31	M	Professors' Accounts of Class Expenses to be given in.

## APRIL 1879.

1	Tu	Winter Medical Classes close.
2	W	
3	Th	(Thursday before 2nd Tuesday.) Sacramental Fast.
4	F	First } Professional Written Examination for Degrees in Medicine. .
5	S	Second }
6	S	
7	M	
8	Tu	
9	W	
10	Th	(Second Thursday.) Meeting of Senate on Accounts.
11	F	
12	S	Examinations for Degrees in Divinity, Law, Arts, and Science,* and for Snell Exhibitions commence.
13	S	
14	M	
15	Tu	
16	W	
17	Th	Meeting of Senate. Vacant Bursaries declared.
18	F	
19	S	Meeting of Professors for adjudging University and other Prizes.
20	S	
21	M	
22	Tu	
23	W	(Wednesday before close of Session.) Meeting of General Council.
24	Th	
25	F	
26	S	
27	S	
28	M	
29	Tu	
30	W	Graduation in the Four Faculties.

\* The Examinations in Engineering commence on the 24th of March.

## MAY 1879.

1	Th	Honorary Graduation. Distribution of Prizes. Meeting of Senate.
2	F	
3	S	
4	S	
5	M	Summer Session commences.
6	Tu	
7	W	
8	Th	
9	F	Payment of Tradesmen's and other Accounts.
10	S	
11	S	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

## JUNE 1879.

1	S	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	
20	F	Theses for M.D. given in to Assistant-Clerk of Senate.
21	S	
22	S	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	



## JULY 1879.

1	Tu	Names of Candidates for Third Professional Examination in Medicine and for Degrees in Law (Law subjects) given in to Assistant-Clerk of Senate.
2	W	
3	Th	
4	F	
5	S	
6	S	
7	M	
8	Tu	
9	W	
10	Th	
11	F	Third Professional Written Examination for Degrees in Medicine.
12	S	
13	S	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	S	
21	M	Meeting of Senate. Graduation in Medicine.
22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	S	
28	M	
29	Tu	
30	W	
31	Th	

*UNIVERSITY OFFICERS.*

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WALTER-FRANCIS MONTAGU-DOUGLAS-SCOTT,  
DUKE OF BUCCLEUCH AND QUEENSBERRY, K.G.

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RECTOR.

THE RIGHT HON. WM. EWART GLADSTONE, M.P.

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University Court.

Appointed

PRESIDENT,—THE RECTOR OF THE UNIVERSITY,.....1877

THE PRINCIPAL,.....1873

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\_\_\_\_\_, Assessor nominated by Chancellor,.....1878

ALEXANDER CRUM, Esq.,                   ,,                   Rector,.....1877

ANDERSON KIRKWOOD, LL.D., „ General Council, 1871

PROFESSOR COWAN, M.D.,                   ,,                   Senate, .....1876

Senatus Academicus.\*

PRESIDENT,.....THE PRINCIPAL,.....1873

### PROFESSORS.

CHAIRS.

William Purdie Dickson, D.D.,.....*Divinity*,.....1873

Sir William Thomson, LL.D.,  
D.C.L., } *Natural Philosophy*,.....1846

\* "The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices."—*Statute of Royal Visitation, 1727.*

## PROFESSORS—Continued.

	CHAIRS.	Appointed
Hugh Blackburn, M.A.,	<i>Mathematics,</i>	1849
Robert Grant, LL.D.,	<i>Practical Astronomy,</i>	1859
John Nichol, LL.D.,	{ <i>English Language</i> and <i>Literature,</i> }	1862
William T. Gairdner, M.D.,	<i>Practice of Medicine,</i>	1862
George G. Ramsay, M.A.,	<i>Humanity,</i>	1863
John Veitch, LL.D.,	<i>Logic and Rhetoric,</i>	1864
John B. Cowan, M.D.,	<i>Materia Medica,</i>	1865
Edward Caird, LL.D.,	<i>Moral Philosophy,</i>	1866
John Young, M.D.,	<i>Natural History,</i>	1866
James Robertson, LL.D.,	<i>Conveyancing,</i>	1867
Robert Berry, M.A., Advocate,	<i>Law of Scotland,</i>	1867
William Leishman, M.D.,	<i>Midwifery,</i>	1868
Alexander Dickson, M.D.,	<i>Botany,</i>	1868
George H. B. MacLeod, M.D.,	<i>Surgery,</i>	1869
Pierce A. Simpson, M.D.,	<i>Forensic Medicine,</i>	1872
James Thomson, LL.D., D.Sc.,	{ <i>Civil Engineering</i> and <i>Mechanics,</i> }	1873
William Stewart, D.D.,	<i>Biblical Criticism,</i>	1873
George Buchanan, A.M., M.D.,	<i>Clinical Surgery,</i>	1874
T. M'Call Anderson, M.D.,	<i>Clinical Medicine,</i>	1874
John Ferguson, M.A.,	<i>Chemistry,</i>	1874
William Lee, D.D.,	<i>Church History,</i>	1874
Richard C. Jebb, M.A.,	<i>Greek,</i>	1875
John Gray M'Kendrick, M.D.,	<i>Institutes of Medicine,</i>	1876
James Robertson, M.A.,	<i>Oriental Languages,</i>	1877
John Cleland, M.D.,	<i>Anatomy,</i>	1877

## LECTURERS.

John Young, M.D.,	<i>Honyman Gillespie Lecturer.</i>
Thomas Reid, M.D.,	<i>Waltonian Lecturer.</i>
Charles Scott Dickson, M.A.,	<i>Constitutional Law and History.</i>
William Galbraith Miller, LL.B.,	<i>Public Law.</i>

## ASSISTANTS TO PROFESSORS.

Assistant to Professor of <i>Humanity</i> ,...	G. A. Sonnenschein, B.A.
„ „ <i>Greek</i> ,.....	Alexander Murdoch.
„ „ <i>Nat. Philosophy</i> ,.....	Donald M'Farlane.
„ „ <i>Mathematics</i> ,.....	James Arthur, M.A.
„ „ <i>Anatomy</i> ,.....	William Allen, M.D.
„ „ <i>Chemistry</i> ,.....	{ John Hutcheson. William Ramsay, Ph.D.
„ „ <i>Materia Medica</i> ,.....	Gavin P. Tennent, M.D.
„ „ <i>Forensic Medicine</i> ,...	Donald Munro.
„ „ <i>Institutes of Medicine</i> ,	John Barlow, M.B.
„ „ <i>Practice of Medicine</i> ,	Samson Gemmell, M.B.
Arnott and Thomson Demonstrator } in <i>Experimental Physics</i> ,.....	Jas. Thomson Bottomley, M.A.
Young Assistant in <i>Civil Engineering</i> and <i>Mechanics</i> ,.....	Archibald Barr.
Muirhead Demonstrator of <i>Physiology</i> ,	John Barlow, M.B.

## EXAMINERS FOR DEGREES.

*In the Faculty of Divinity.*

The Professors in the Faculty of Divinity.

*In the Faculty of Law.*

The Professors in the Faculty of Law, assisted by

John M'K. Lees, LL.B., Sheriff-Substitute, Glasgow.

George Readman, LL.B., Advocate.

William Galbraith Miller, LL.B.

*In the Faculty of Medicine.*

The Professors in the Faculty of Medicine, assisted by

Robt. Scott Orr, M.D.

H. S. Wilson, M.D.

Robert Perry, M.D.

Andrew Wilson, Ph.D.

W. H. Allchin, M.D.

James Wallace, M.D.

John Brunton, M.D.

*In the Faculty of Arts.*

The Professors of *Humanity*, *Greek*, *Logic*, *Moral Philosophy*,  
*Natural Philosophy*, *Mathematics*, and *English Literature*,  
assisted by

J. A. Stewart, M.A., Examiner in Classics,.....1876 (1875)\*

Rev. James Orr, B.D., „ Mental Philosophy,.....1876

William Jack, LL.D., „ Mathematics,.....1877

\* Mr. Stewart's term of office expires in September.

## KEEPER OF HUNTERIAN MUSEUM.

Professor Young, M.D.

## UNDER-KEEPER.

John Young, F.G.S.

## CURATOR OF LIBRARY.

Professor W. P. Dickson, D.D.

## LIBRARIAN.

Robert B. Spears.

## SUB-LIBRARIANS.

William Richardson. | James Lymburn.

## SECRETARY TO THE UNIVERSITY COURT.

Anderson Kirkwood, LL.D., 145 West George Street.

## CLERK OF SENATE.

Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.

## ASSISTANT-CLERK OF SENATE AND REGISTRAR OF THE GENERAL COUNCIL.

Thomas Moir.

## SECRETARY TO THE GENERAL COUNCIL.

David Hannay, 209 West George Street.

## FACTORS.

Messrs. Hill, Davidson, &amp; Hoggan, 106 Ingram Street.

## LAW AGENTS.

Messrs. Mitchells, Cowan, &amp; Johnston, 160 West George Street.

## PUBLISHER AND BOOKSELLER TO THE UNIVERSITY.

James MacLehose, 61 St. Vincent Street.

## PRINTER TO THE UNIVERSITY.

Robert MacLehose, 153 West Nile Street.

## HEAD SERVANTS.

Bedellus and Janitor, . . . .	Lauchlan M'Pherson.
Chamberlain and Master of Works, .	Alexander Taylor.



## I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V, by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale tam in theologia et in jure canonum et civili, quam in artibus, et in quacunque licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of the Pædagogium, or the College

of Arts. It is said to have been situated in the Rottenrow ; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for four hundred and ten years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion, and its chief support being derived from the Church. In 1577, James VI prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio*.

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.\*

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, the number of its Bursars increased, and an additional number of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal, a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.† In the first twenty years of last century, six Professorships were either originally founded or revived—viz., those of Humanity (1706), Oriental Languages (1709), Church History (1716), Civil Law (1713), Medicine (1713), and Anatomy (1718) ; and to these a Professorship of Astronomy was added in 1760. The remaining fourteen Professorships were

\* This system was altered in 1642, in accordance with the practice of the other Universities ; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan ; the second, Semi ; the third, Baccalour ; the fourth, Magistrand.

† See Dr. Thomas Reid's Account of the University of Glasgow.

founded during the present century—viz., Natural History (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874).

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#### UNIVERSITY BUILDINGS.

The changes in the City of Glasgow, connected with the vast extension of its commerce and manufactures, having so entirely altered the character of the district in which the University Buildings were planted four hundred years ago, as to render the locality altogether unsuitable for an Academic Institution ; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment ; measures were some time ago adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

Previous to this, in 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, had been passed by both Houses of Parliament, and had received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements ; and the Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

The funds at the disposal of the University to carry out the scheme of removal consisted at this juncture of—(1.) The produce of the sale of the old College and grounds, £100,000, —(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monkland Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by Her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection

of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum has now been paid out of the National Treasury, and the public subscription for the University Buildings has reached the large amount of £149,223, after deduction of £30,000 allocated to the Western Infirmary.

The efforts of the University being thus seconded in so gratifying a manner by the public and the Government, new buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71.

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#### GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858, the whole business of the University was transacted in three distinct courts—namely, the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy.

The Members of Faculty had the Administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the



College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this court, and also in the Senate.

Meetings of the *Comitia* were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, consisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court, and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who have since issued ordinances, sanctioned by Her Majesty, in accordance with which the affairs of the University are now administered.

#### CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He is empowered to appoint a Vice-Chancellor, to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

#### *Chancellors from the year 1642.*

- |       |   |   |   |
|-------|---|---|---|
| 1642. | James Hamilton, Marquis of Hamilton.    |   |   |
| 1660. | William Cunningham, Earl of Glencairn.  |   |   |
| 1661. | Andrew Fairfowl, Archbishop of Glasgow. |   |   |
| 1664. | Alexander Burnett,                      | " | " |
| 1670. | Robert Leighton,                        | " | " |



1674.	Alexander Burnett, Archbishop of Glasgow.		
1679.	Arthur Ross,	"	"
1684.	Alexander Cairncross,	"	"
1687.	John Paterson,	"	"
1691.	John Carmichael, Earl of Hyndford.		
1715.	James Graham, Duke of Montrose.		
1743.	William Graham,	"	"
1781.	James Graham,	"	"
1837.	James Graham,	"	"
1875.	Sir William Stirling-Maxwell, Bart., M.P.		
1878			

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#### GENERAL COUNCIL.

The General Council, as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), and by the Reform (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), consists of the Chancellor, of the members of the University Court, from and after their first election, of the Professors, of all Masters of Arts of the University, and of all persons on whom the University has, after examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree that may hereafter be instituted ; and also of all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

Members of the Council must be twenty-one years of age, and have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually on the first day of December, for the year following, and includes the names of all members registered on or before the 30th day of November in each year.

The Registration Fee, which is a payment for life, is 20s.

The Council meets twice every year—viz., on the Wednesday before the opening (30th October, 1878), and the Wednesday before the close of the winter session (23rd April, 1879). It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to

make representations, from time to time, to the University Court, who shall return to the Council their deliverances thereon.

The Chancellor and one of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance of the Universities Commissioners, No. 11, Sect. 9. The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Senior Professor present.

The General Councils of the Universities of Glasgow and Aberdeen jointly have the privilege of returning a Representative to Parliament.

Number of Members of the General Council, 3048. For names of Members, see Appendix.

*Members of Parliament for the Universities of Glasgow and Aberdeen.*

- 1868. Right Hon. James Moncreiff, LL.D., Lord Advocate.
- 1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
- 1876. Right Hon. WILLIAM WATSON, LL.D., Lord Advocate.

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RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.\* In the case of an equality of nations the Chancellor has the casting vote. The election takes place upon the 15th November (the 16th, if the 15th falls on Sunday): the term of office is three years. The Rector is the official President of the University Court.

*Rectors from 1773.*

- 1773. Charles Cathcart, Lord Cathcart.
- 1775. Lord Chief Baron Montgomerie.
- 1777. Andrew Stewart, Esq., of Torrance.
- 1779. Campbell B. Cochran, Earl of Dundonald.
- 1781. Right Hon. Henry Dundas.

\* The nations are constituted as follows:—

1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.

2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.

3. The Natio Rothseiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.

4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

- 1783. Right Hon. Edmund Burke.
- 1785. Robert Graham, Esq. of Gartmore.
- 1787. Adam Smith, LL.D.
- 1789. Walter Campbell, Esq. of Shawfield.
- 1791. Thomas Kennedy, Esq. of Dunure.
- 1793. William Mure, Esq. of Caldwell.
- 1795. William M'Dowall, Esq. of Garthland.
- 1797. George Oswald, Esq. of Auchincruive.
- 1799. Right Hon. Sir Ilay Campbell, Lord President.
- 1801. William Craig, a Lord of Session.
- 1803. Lord Chief Baron Dundas.
- 1805. Henry Glassford, Esq. of Dugalston.
- 1807. Archibald Colquhoun, Esq. of Killermont.
- 1809. Archibald Campbell, Esq. of Blythswood.
- 1811. Lord Archibald Hamilton.
- 1813. Thomas Graham, Lord Lynedoch.
- 1815. David Boyle, Lord Justice Clerk.
- 1817. George Boyle, Earl of Glasgow.
- 1819. Kirkman Finlay, Esq., M.P.
- 1820. Francis Jeffrey, Esq., Advocate.
- 1822. Sir James Mackintosh, M.P.
- 1824. Henry Brougham, Esq., M.P.
- 1826. Thomas Campbell, LL.D.
- 1829. Henry Petty, Marquis of Lansdowne.
- 1831. Henry Cockburn, Esq., Solicitor-General.
- 1834. Lord Stanley, M.P.
- 1836. Sir Robert Peel, Bart., M.P.
- 1838. Sir J. G. R. Graham, Bart., M.P.
- 1840. John Campbell, Marquis of Breadalbane.
- 1842. Right Hon. Fox Maule, M.P.
- 1844. Andrew Rutherford, Esq.
- 1846. Lord John Russell.
- 1847. Colonel Mure of Caldwell.
- 1848. Thomas Babington Macaulay, Esq.
- 1850. Archibald Alison, Esq., Sheriff of Lanarkshire.
- 1852. Earl of Eglinton.
- 1854. Duke of Argyll.
- 1856. Sir Edward Bulwer Lytton.
- 1859. Earl of Elgin.
- 1862. Viscount Palmerston.
- 1865. John Inglis, Lord Justice General.
- 1868. Lord Stanley (now Earl of Derby).
- 1871. Right Hon. Benjamin Disraeli, M.P. (now Earl of Beaconsfield).
- 1877. Right Hon. WILLIAM EWART GLADSTONE, M.P.

## UNIVERSITY COURT.

The University Court consists of the following members :—  
 1. The Rector. 2. The Principal. 3. The Dean of Faculties.\*  
 4. An Assessor nominated by the Chancellor. 5. An Assessor  
 nominated by the Rector. 6. An Assessor elected by the General  
 Council† of the University. 7. An Assessor elected by the  
 Senatus Academicus.†

The Dean of Faculties is elected annually by the Senate. The  
 Rector's Assessor continues in office three years, and the other  
 Assessors four years. The University Court has the following  
 powers, viz. :—

1. To review all decisions of the Senatus Academicus, and to  
 be a Court of Appeal from the Senatus in every case, except  
 as otherwise provided for by the Universities (Scotland) Act,  
 1858.

*\* Deans from the year 1800.*

1800. James Couper, D.D.  
 1802. Arch. Campbell, Esq. of Succoth.  
 1804. Gavin Gibb, D.D.  
 1806. Duncan Macfarlan, D.D.  
 1808. Gavin Gibb, D.D.  
 1810. Duncan Macfarlan, D.D.  
 1812. Gavin Gibb, D.D.  
 1814. Stevenson Macgill, D.D.  
 1815. Archibald Campbell, Esq., M.P.  
 1817. Sir John Connel.  
 1819. Archibald Campbell, Esq., M.P.  
 1821. Sir John Connel.  
 1823. Archibald Campbell, Esq., M.P.  
 1825. Sir John Connel.  
 1827. Archibald Campbell, Esq., M.P.  
 1829. Sir John Connel.  
 1831. Archibald Campbell, Esq.  
 1833. Sir A. Campbell, Bart.

1835. Archibald Campbell, Esq.  
 1837. Sir A. Campbell, Bart.  
 1839. Kirkman Finlay, Esq.  
 1841. Lord Dunfermline.  
 1843. Sir T. Makdougall Brisbane, Bart.  
 1845. A. Maconochie, Lord Meadowbank  
 1847. Earl of Eglinton.  
 1849. Colonel Mure of Caldwell, M.P.  
 1851. W. Lockhart, Esq., M.P.  
 1853. Colonel Mure.  
 1854. W. Lockhart, Esq.  
 1857. W. Stirling, Esq. of Keir, M.P.  
 1860. J. Moncrieff, Lord Advocate.  
 1863. Sir A. I. Campbell of Succoth.  
 1865. Henry Glassford Bell, Esq.  
 1868. Sir James Fergusson, Bart.  
 1869. Sir Thos. E. Colebrooke, Bart., M.P.  
 1872. Archd. Orr Ewing, Esq., M.P.

1876. ALEXANDER BENNETT M'GRIGOR, LL.D.

*† Assessors since the University Court was constituted.*

## CHANCELLOR.

1859. John Robertson, D.D., Glasgow.  
 1865. A. Sym, D.D., New Kilpatrick.  
 1871. James Pearson, D.D., Strathblane.  
 1874. Robert Jamieson, D.D., Glasgow.  
 1878.

## COUNCIL.

1859. Andrew Bannatyne, LL.D.  
 1864. Lord Kinloch.  
 1867. ANDERSON KIRKWOOD, LL.D.

## RECTOR.

1860. Thomas Buchanan, Esq.  
 1863. Walter Buchanan, Esq., M.P.  
 1866. Archibald Orr Ewing, Esq.  
 1869. James A. Campbell, LL.D.  
 1878. ALEXANDER CRUM, Esq.

## SENATE.

1859. Professor W. Ramsay, M.A.  
 1863. Professor R. Buchanan, LL.D.  
 1867. Professor Allen Thomson, M.D.  
 1871. Professor Sir W. Thomson, D.C.L.  
 1875. PROFESSOR COWAN, M.D.

2. To effect improvements in the internal arrangements of the University, after due communication with the *Senatus Academicus*, and with the sanction of the Chancellor, provided that all such proposed improvements shall be submitted to the University Council for their consideration.

3. To require due attention on the part of the Professors to regulations as to the mode of teaching and other duties imposed on the Professors.

4. To fix and regulate from time to time the fees in the several classes.

5. Upon sufficient cause shown, and after due investigation, to censure a Principal or Professor, or to suspend him from his office, and from the emoluments thereof, in whole or in part, for any period not exceeding one year, or to require him to retire from his office on a retiring allowance, or to deprive him of his office ; and, during the suspension of any Professor, to make due provision for the teaching of his class ; provided always that no such sentence of censure, suspension, or deprivation, or requisition on a Professor to retire from office, shall have any effect until it has been approved by her Majesty in Council.

6. To inquire into and control the administration by the *Senatus Academicus*, or Principal and Professors, of the revenue, expenditure, and all the pecuniary concerns of the University, and of any College therein, including funds mortified for bursaries and other purposes.

The Court is also entrusted with the patronage of several of the Professorships, appoints the Assistant-Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Five Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meetings of the University Court during 1877-78 will be found in the Appendix.

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#### PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI, in 1577. It is in the appointment of the Crown. The Principal is President of the *Senatus Academicus* ; and is also, *ex officio*, a member of the University Court.



*Principals from the year 1574.*

1574. Andrew Melville.	1684. James Fall.
1580. Thomas Smeaton.	1690. William Dunlop.
1582. Patrick Sharpe.	1701. John Stirling.
1615. Robert Boyd.	1728. Neil Campbell.
1622. John Cameron, D.D.	1761. Wm. Leechman, D.D.
1626. John Strang, D.D.	1786. Archd. Davidson, D.D.
1650. Robert Ramsay.	1803. William Taylor, D.D.
1652. Patrick Gillespie.	1823. Duncan M'Farlan, D.D.
1661. Robert Bailie, D.D.	1858. Thomas Barclay, D.D.
1663. Edward Wright.	1873. JOHN CAIRD, D.D.

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SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the ordinary superintendence and regulation of the teaching and discipline of the University, and administration of its property and revenues. The Principal, as President, has a deliberative and a casting vote. One-third of the Senate constitute a quorum.

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ASSISTANTS TO PROFESSORS.

By ordinance No. 22 of the Universities Commissioners, of date 25th November, 1861, it was provided that an Assistant should be attached to each of the chairs of Humanity, Greek, Mathematics, and Natural Philosophy, and two (a Teaching Assistant and a Laboratory Assistant) to the Chair of Chemistry, each of whom should receive a salary of £100, to be annually voted by Parliament. By the same ordinance provision was made for the appointment of an Assistant to the Professor of Anatomy, who should receive a salary from the General University Fund, and of a Joint-Assistant to the Professors of Materia Medica and Forensic Medicine, who should receive a salary of £50 by annual Parliamentary vote, instead of whom (by an alteration of the ordinance sanctioned by the Queen in Council) two Assistants are now appointed, one to the Professor of Materia Medica, and the other to the Professor of Forensic Medicine, each of whom receives a salary of £25. These Assistants are all

appointed by the Professors, subject to the approval and control of the University Court. Besides the Assistants, for whom provision is made by ordinance, there are attached to several of the classes other Assistants, appointed and paid by the Professors.

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated, in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

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#### EXAMINERS FOR DEGREES.

By ordinance No. 14, § ix, of the Universities Commissioners of date 26th Jan., 1861, provision was made for the appointment by the University Court of three persons, not being Professors or Assistants to Professors, to be Examiners, along with the Professors, for the Degree of M.A., one in the Department of Classical Literature, another in that of Mental Philosophy, and the third in that of Mathematical Science, each of whom should receive annually the sum of £80, to be voted by Parliament. By ordinance No. 15, § xvi, of date 16th March, 1861, provision was made for the annual appointment by the University Court of three Assistant Examiners for Degrees in Medicine on a similar footing. But in accordance with an amendment on this ordinance made in 1875, the University Court now appoint seven Examiners. And by ordinance No. 75, § vi, three additional Examiners fall to be appointed for the examination of candidates for the Degree of LL.B.

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#### STUDENTS.

Number of matriculated students in the several Faculties, Session 1877-78 :—

In Faculty of—

Arts,	-	-	-	-	-	-	-	-	1243
Divinity,	-	-	-	-	-	-	-	-	60
Medicine (including Summer Matriculation, 37),									492
Law, (								6),	223

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Total, 2018

By ordinance No. 3 of the Universities Commissioners, every student is required, at the beginning of each session, to matriculate by enrolling his name in the University Album, before joining any class. The office of the Clerk of Senate will be open for the purpose of matriculation on and after Monday, 21st October, daily, with the intervention of the holidays at the Sacrament. The Matriculation Fee is £1 for the Academical Year ; for the Summer Session, 10s.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and under certain conditions, to the Hunterian Museum ; they are also entitled to vote for the Lord Rector. They may be classified as students in Arts, Theology, Law, and Medicine, according to the nature of their principal studies ; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions ; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University.

The following are the principal of the ancient disciplinary Laws of the University :—

LEGES DE STUDIIS ET MORIBUS DISCIPULORUM IN UNIVERSITATE GLASGUENSI, SANCITAE A RECTORE MAGNifico CUM ASSESSORIBUS EJUS ET SENATU UNIVERSITATIS GLASGUENSIS.

I. Academici omnes nomina sua in Album Academiae inscribunt.

II. Qui extra Collegii Pomoeria habitant apud Hospitem aequè

ac in Collegio, pie, modeste atque comiter, se gerant : Qui secus fecerint, pro ratione delictorum puniuntur.

III. A studiis nulli feriantur nisi horis quibus feriandi copia concedi solet.

IV. Bursarii, quos vocamus, assiduam Professoribus operam navanto. Qui decreto huic aequissimo minus obtemperaverint parte mulctentur stipendii pro portione temporis quo non dederint operam docentibus Professoribus. Quod si qui non adfuerint ante initium mensis Decembris, illi integro unius anni stipendio mulctantur.

V. Nulli intra moenia obstrepant vel stantes morentur præforibus.

VI. Qui fenestras vitreas fregerit, qui fabricæ Collegii vel horto quocunque modo damnum intulerit, severe punitor : et pro damno insuper pecuniariâ mulctâ satisfacito.

VII. Nemo ullis qui vitam agunt turpem aut ex quaestu inhonesto victitant, familiarius utitor : aut iis ullam secum consuetudinem intercedere patiat.

VIII. Qui pervagationibus aut pervigilationibus noctem aut noctis partem egisse deprehendatur, severe punitor.

IX. Qui nocturno aut diurno tempore in Collegio aut alibi quempiam percusserit vel contendendi ansam factis aut verbis contumeliosis volens suppeditaverit, ex Academiâ ejcitor.

X. Qui alterius nomen famoso libello violaverit, ignominiosus ipse ex Academiâ ejcitor.

XI. Si quid obscœni, si quid turpe locutus deprehendatur quispiam, severe punitor.

XII. Qui sanctissimum Dei nomen temere adhibere ausus fuerit, severissime mulctator : Qui sæpius ita deliquerit ex Academiâ ejcitor.

XIII. Quum deceat Academiam pietatis seminarium esse, Academici ab omni vitio remotissimi sunt. Pietati studeant imprimis et morum probitati simul et elegantiae. Quod si quis aliter se gerat, vel jussa neglexerit, vel contumax fuerit, eum pro ratione delicti mulctandum vel etiam ex Universitate et Collegio ejciendum decretum est.

XIV. Quicunque prelectiones audiunt intra Collegii Pomoeria sive Laureâ insigniti, sive non, sive Togati, sive Non-Togati, sive in Album Academiae inscripti, sive non-inscripti, hisce legibus obstricti sunt et hisce judicabuntur. Potestas autem judicandi quæ Senatui Universitatis competit similis est potestati parentali ; et propterea qui se male gerunt non in jus vocabuntur libello accusatorio, nec permissum erit causam suam jurisconsultis vel causidicis mandare, nec unquam, vel rarissime quidem, ad jusjurandum aliquem adigere.

## UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at half-past Two o'Clock, in the lower Hall of the Hunterian Museum. The services are conducted by graduates of this University and other clergymen of various denominations.

## UNIVERSITY CHOIR.

*Organist and Director*, A. L. Peace, Mus. Doc. Oxon.

*Students' Committee.*

Charles W. Stewart, M.A., *Divinity*; Lorne C. Macarthur, *Arts*; John M. Hunt, *Medicine*; Donald M. Marr, *Arts*; James Macmeeken, *Divinity*; John Ross, *Arts*; Alex. B. Dykes, *Arts*; Robert Young, *Arts*; James Arthur, M.A., *Divinity*, Convener.

The Choir practises the music for the Chapel service, but some attention is also paid to the cultivation of classical choral music. It is wholly composed of male voices, the treble and alto parts being supplied by boys, the tenor and bass by students. The membership is open to all students who have an elementary knowledge of music. There are meetings for practice during the Winter Session on Saturdays at 7.30 p.m. The Committee will be glad to furnish any other information, and to receive the names of those who intend joining.

## GYMNASIUM.

This building was erected by public subscription, and fitted according to the most approved models, under the superintendence of Mr. Maclaren of Oxford, at a total cost of £2,500, and was opened for the first time in January, 1872.

The Instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Each student joins a class which meets at the same hour three days in the week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and special evening classes are formed for their benefit.

The rates at present are—*For Students*: One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; the whole Session, 20s.



*For Non-Students :* the Quarter (*i.e.*, twice a week for 3 months, or three times a week for 2 months), 15s.

Mr. Maclaren presents annually the Oxford Silver Medal, for competition among the students. Successful competitor at the competition in April, 1878—James MacMeeken.

The Gymnasium is managed by a joint-Committee of Professors and students.

*Secretary and Treasurer*, Alex. Sloan, C.A., 155 W. George Street.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the Ordinary Degree of M.A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy, and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2, 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—SEPARATE FACULTIES AND CLASSES.

WINTER SESSION, 1878-79.

The Session will be opened on TUESDAY, November 5, at Twelve o'Clock, when an address will be delivered by the Principal.\*

The University Classes will meet as follows, daily, unless otherwise specified :—

I.—ARTS.

WEDNESDAY, 6TH NOVEMBER.

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Humanity, Junior, . . .</i>	8 a.m. and 11 a.m.,	} MR. RAMSAY.
<i>————Senior, . . .</i>	9 a.m. and 1 p.m.,	
<i>————Private, . . .</i>	1 p.m., . . . . .	
<i>Greek, Junior, Tirones, .</i>	12 noon, . . . . .	} MR. JEBB.
<i>————Provectiones, .</i>	10 a.m., . . . . .	
<i>————Senior, . . . . .</i>	8 a.m., and 2 p.m.,	
<i>————Private, . . . . .</i>	2 p.m., . . . . .	
<i>Logic and Rhetoric, . . .</i>	{ 9 a.m. daily and 11	} MR. VEITCH.
	a.m. Mon., Wed.,	
	and Fri., . . . . .	
<i>————Higher Course, .</i>	Tues. and Th., 1 p.m.)	

\* In the Medical Classes the Session will be open on Tuesday, 29th October. (See p. 36.)



<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Moral Philosophy</i> , . . .	{ 8 a.m. daily, and 11 a.m. Mon., (see p. 43,) . . . . . }	MR. CAIRD.
— <i>Political Economy</i> , . .	{ 5.30 p.m., Tu. and Th., . . . }	
<i>Natural Philosophy</i> , . .	{ 9 a.m. daily, and 11 a.m. Tu. and Th., . . . }	SIR WM. THOMSON.
— <i>Higher Course</i> , . .	{ 12 noon, Mon., Wed., and Fri., . . . }	
<i>Physical Laboratory</i> , . .	{ 10 a.m. to 4 p.m. . . . }	MR. BLACKBURN.
<i>Mathematics, Junior</i> , . .	{ 12 noon, . . . . . }	
— <i>Senior</i> , . .	{ 10 a.m., . . . . . }	DR. GRANT.
<i>Astronomy</i> , . . . . .	{ 1 p.m., Fri., . . . . }	
<i>Civil Engineering and Mechanics, Junior</i> , . . .	{ 11 a.m., Mon., Wed., and Fri., . . . . }	DR. JAS. THOMSON.
— <i>Senior</i> , . . . . .	{ 4 p.m. daily, . . . . }	
<i>Office and Field Work in Engineering, Junior</i> , . .	{ 1 till 3 p.m., Mon., Wed. . . . . }	
— <i>Senior</i> , . . . . .	{ 1 till 3 p.m., Tu., Th., . . . }	
<i>English Language and Literature</i> , . . . . .	{ Junior, 2 to 3 p.m. daily, (Jan.,) . . . } { Senior, 4.30 to 5.30 p.m. daily, (Jan.,) }	MR. NICHOL.

## II.—THEOLOGY.

THURSDAY, 7TH NOVEMBER.

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Divinity, Junior</i> , . . . .	{ 12 noon . . . . . }	DR. W. P. DICKSON.
— <i>Senior</i> , . . . . .		
<i>Hebrew, Junior</i> , . . . .	{ 10 a.m., . . . . . }	MR. ROBERTSON.
— <i>Middle (including Chaldee)</i> , . . . . .		
— <i>Senior (including Syriac or Arabic)</i> , . .		
— <i>Senior (including Syriac or Arabic)</i> , . .		
<i>Ecclesiastical History</i> , . .	{ 11 a.m., . . . . . }	DR. LEE.
<i>Biblical Criticism</i> , . . .	{ 10 a.m., . . . . . }	DR. STEWART.

## III.—LAW.

WEDNESDAY, 6TH NOVEMBER.

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Scottish Law</i> , . . . . .	{ 8 a.m., . . . . . }	MR. BERRY.
<i>Civil Law</i> . (See p. 57), . . . . .		
<i>Conveyancing</i> , . . . . .	{ 8 a.m., . . . . . }	DR. ROBERTON.
<i>Forensic Medicine</i> . (See under Faculty of Medicine.)		

## IV.—MEDICINE.

TUESDAY, 29TH OCTOBER.

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Geology,</i> . . . . .	8 a.m. (Jan.), . . }	DR. YOUNG.
<i>Zoology,</i> . . . . .	9 a.m. (Oct.), . . }	
<i>Clinical Medicine,*</i> . . . . .	9 a.m., . . . . .	DR. M'CALL ANDERSON.
<i>Clinical Surgery,*</i> . . . . .	9 a.m., . . . . .	DR. GEORGE BUCHANAN.
<i>Chemistry,</i> . . . . .	10 a.m., . . . . .	MR. FERGUSON.
<i>Chemical Laboratory,</i> . . . . .	10 a.m. to 4 p.m., }	
<i>Anatomy,</i> . . . . .	11 a.m., . . . . .	DR. CLELAND and Demonstrator.
<i>Anatomical Demonstrations,</i> . . . . .	2 p.m., . . . . .	
<i>Practical Anatomy,</i> . . . . .	9 a.m. to 4 p.m., }	
<i>Practice of Physic,</i> . . . . .	11 a.m., . . . . .	DR. GAIRDNER.
<i>Materia Medica,</i> . . . . .	12 noon, . . . . .	DR. COWAN.
<i>Botany (in Summer),</i> . . . . .	. . . . .	DR. A. DICKSON.
<i>Institutes of Medicine,</i> . . . . .	12 noon, . . . . .	DR. M'KENDRICK and Muirhead Demonstrator.
<i>Physiological Laboratory,</i> . . . . .	9 a.m. to 4 p.m., }	
<i>Surgery,</i> . . . . .	1 p.m., . . . . .	DR. MACLEOD.
<i>Forensic Medicine (in Summer),</i> . . . . .	. . . . .	DR. P. A. SIMPSON.
<i>Midwifery,</i> . . . . .	4 p.m., . . . . .	DR. LEISHMAN.
<i>Pathology,</i> . . . . .	3 p.m., . . . . .	_____
<i>Lectures on the Eye (in Summer),</i> . . . . .	. . . . .	Dr. T. Reid.

## SUMMER SESSION, 1879.

During the SUMMER SESSION, which opens on MONDAY, May 5, the following courses will be delivered :—

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Clinical Medicine,*</i> . . . . .	9 a.m., . . . . .	DR. M'CALL ANDERSON.
<i>Clinical Surgery,*</i> . . . . .	9 a.m., . . . . .	DR. GEORGE BUCHANAN.
<i>Practical Chemistry,</i> . . . . .	10 a.m., . . . . .	MR. FERGUSON.
<i>Chemical Laboratory,</i> . . . . .	10 a.m. to 4 p.m., }	
<i>Anatomical Demonstrations and Lectures,</i> . . . . . }	11 a.m., . . . . . }	DR. CLELAND and Demonstrator.
<i>Practical Anatomy,</i> . . . . .	8 a.m. to 2 p.m. }	
<i>Forensic Medicine,</i> . . . . .	11 a.m., . . . . .	DR. P. A. SIMPSON.
<i>Zoology (Laboratory),</i> . . . . .	12 noon to 3 p.m.	DR. YOUNG.

\* Besides the Lectures of the Professors who are entitled to teach clinically, the Lectures of the other Physicians and Surgeons of the Western and Royal Infirmarys recognized by the University Court, are accepted for Graduation.

<i>Classes.</i>	<i>Hours.</i>	<i>Professors.</i>
<i>Practical Pharmacy</i> , . . .	{ 12 noon, Mon., Wed., and Fri.	{ DR. COWAN and DR. TENNENT.
<i>Practice of Physic</i> , . . .	{ 12 noon, Tues. and Thurs.,	{ DR. GAIRDNER.
<i>Botany</i> ,* . . . . .	12 noon (Coll.),	{ DR. A. DICKSON.
<i>Botanical Demonstrations</i> , 6·30	p.m. (Bot. Gar.)	
<i>Practical Physiology</i> , . . .	12 noon,	{ DR. M'KENDRICK and Muirhead Demonstrator.
<i>Physiological Laboratory</i> , . . .	9 a.m. to 4 p.m.	
<i>Operative Surgery</i> , . . .	{ 1 p.m. Mon., Wed., and Fri.	{ DR. MACLEOD.
<i>Lectures on the Eye</i> , . . .	1 p.m., . . .	Dr. T. Reid.

CLASS FEES.—For each Class in Literature, Philosophy, and Engineering, £3, 3s., with the exception of Natural Philosophy, £4, 4s.; in Theology, £3, 3s.; in Law, £4, 4s.; in Medicine, £3, 3s.; except Lectures on the Eye, for which the Fee is £1, 1s.

WESTERN INFIRMARY.—This hospital contains beds for medical and surgical patients, with a ward for skin diseases. *Physicians*—W. T. Gairdner, M.D.; T. M'Call Anderson, M.D.; James Finlayson, M.D. *Diseases of Women*—W. Leishman, M.D. *Surgeons*—George H. B. Macleod, M.D.; George Buchanan, M.D.; Alexander Patterson, M.D. *Dispensary Physicians*—Gavin P. Tennent, M.D.; Joseph Coats, M.D.; D. C. M'Vail, M.B. *Extra Dispensary Physician*—S. Gemmell, M.B. *Dispensary Surgeons*—James G. Lyon, M.D.; D. N. Knox, M.B.; James Christie, M.D. *Extra Dispensary Surgeon*—J. C. Renton, M.B. *Pathologist*—Joseph Coats, M.D. *Medical Superintendent*—John Alexander, M.D. *Lady Superintendent*—Miss E. Clyde. The hour of visit is 9 A.M. Operating days—Wednesday and Saturday. Clinical Lectures are given on Tuesdays, Thursdays, and Fridays. The Dispensary for out-patients is open daily at 2 P.M. According to the present arrangement, admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10, 10s., will be entitled to admission to the Infirmary, and also to attend Three Courses of Clinical Instruction during the said year.

2. That every student who has thus paid £10, 10s., and shall at the commencement of his Second Year pay a further Fee of £10, 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

\* By resolution of Senate, only those courses of Botany which are delivered during the Summer Session are recognized as qualifying for Graduation at this University; and the Winter Course of Lectures on Botany is now discontinued.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7, 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4, 4s.

5. Any student who shall have paid Fees to the amount of £21, or upwards, in the payments as stated above, shall be entitled to a Ticket admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. That each Course of Clinical Instruction shall extend over a period of Three Months, and that three such Courses shall be given each year. The First Course in November, December, and January ;—the Second, in February, March, and April ;—and the Third, in May, June, and July.

7. No student shall be allowed to attend the same Clinical Teacher for more than Two Courses consecutively.

Students who have taken the Hospital Ticket previous to 1st October, 1876, will continue at the scale of Fees then in use, but a single payment of £10, 10s., will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

ROYAL INFIRMARY.—Hour of visit, 9 a.m. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary.

EYE INFIRMARY, 170 Berkeley Street.—Hour of visit, 1 p.m. daily. Fee for six months, £2, 2s.; to those attending, or who have attended, the Lectures on the Eye, delivered in the University, £1, 1s.

There are also Dispensaries for Diseases of the Skin and Ear, and the Royal Lunatic Asylum, Gartnavel, has been thrown open to Students of Medicine on payment of a small fee.

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## *FACULTIES IN THE UNIVERSITY.*

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The whole classes of the University are divided into four Faculties—Arts ; Divinity ; Law ; Medicine.

### I.—FACULTY OF ARTS.

The Faculty of Arts embraces the classes of Humanity, Greek, Logic and Rhetoric, Moral Philosophy, Natural Philosophy, Mathematics, and English Language and Literature, on all of which attendance is required for a Degree in Arts, and also the classes of Practical Astronomy, and Civil Engineering and Mechanics.

## HUMANITY.

The original foundation of this Professorship is not extant : but it appears from the Records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

*Professors from the year 1706.*

1706. Andrew Rosse.	1773. Wm. Richardson, M.A.
1735. George Rosse.	1815. Josiah Walker, M.A.
1754. George Muirhead.	1831. William Ramsay, M.A.
1863. GEORGE G. RAMSAY, M.A.	

The Humanity Class consists of three divisions,—*Junior, Senior, Private.*

In the two former, the students prepare certain tasks prescribed, and are examined orally every day. In the Private Class, the business is conducted principally by Lectures and Prelections delivered by the Professor.

*Junior Classes.*

The Junior Class meets from 8 to 9, and from 11 to 12 A.M. during five days of the week. Students in offices, or otherwise engaged, may attend at one hour only (either at 8 A.M. or 11 A.M.) with the sanction of the Professor, and will obtain certificates of attendance qualifying for the M.A. Degree. The subjects of study are : Extracts from the Elegiac Poets—a Book of Virgil—a Speech of Cicero, or a Book of Livy—Latin Prose Composition—Grammar—Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session.

*Students entering the Junior Class are expected to have a good knowledge of Latin Grammar, and to be able to translate simple passages from Latin into English, and simple sentences from English into Latin.*

Early in the month of November, a written examination of the whole class on these Subjects will be held, including a short passage for translation from some easy author. A specimen of the examination papers is printed towards the end of the Calendar.

*Senior Class.*

The Senior Class meets from 9 to 10 A.M., and from 1 to 2 P.M. during five days of the week. Students engaged in teaching, or in offices, or presenting any other valid ground of exemption, are not required to attend at 1 P.M. In the same manner, students unable to attend at 9 A.M. may attend the class at 1 P.M. only



(which will rank as a Public Class), and will receive a ticket of attendance qualifying for the degree of M.A., provided that they acquit themselves sufficiently well in the examinations, and perform the written exercises prescribed in the class. The subjects of study are : The works of Horace—Cicero—Livy—Tacitus—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session.

At the commencement of the session, there is a written examination for the whole class in certain subjects prepared during the summer vacation.

### *Private Class.*

Students desiring to attend the 1 P.M. Class as Private Students, may attend daily at that hour ; or on Mondays, Wednesdays, and Fridays only, on which days a separate subject is lectured upon. The students are examined on paper at intervals during the session, both on the subjects read in the class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Lucretius—Catullus—Virgil—Persius—Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin Prose and Verse are prescribed regularly, and in the Private Class exercises in English Verse may be prescribed also.

The Fee for a Public Class is	-	-	-	-	£3	3	0
The Fee for attending the Private Class daily,	-				1	11	6
The Fee on Mondays, Wednesdays, and Fridays only,	1				1	1	0
For Students who return for a Third Session,	-				1	1	0

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### *GREEK.*

This Professorship was founded by the College in 1581. The Professor is elected by the University Court.

### *Professors from the year 1704.*

1704. A. Dunlop, LL.D.

1746. James Moore, LL.D. | 1821. Sir Daniel K. Sandford, M.A.

1774. John Young, M.A. | 1838. Edmund L. Lushington, LL.D.

1875. RICHARD C. JEBB, M.A.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a public Certificate may attend as Private Students at the second daily hour of the Senior Class. A public Certificate for attendance at that hour can also be obtained on the conditions stated below.

## SENIOR GREEK CLASS.

The Senior Greek Class meets at 8 A.M. and at 2 P.M. on every week-day except Saturday.

At 8 A.M. the class reads Homer, Herodotus, and Thucydides, or such other authors as may be appointed for the session. The Class is daily examined orally in a prescribed portion of the book which is being read.

Examinations by means of printed papers are held in all the subjects studied during the session.

At 2 P.M. the Professor lectures on Greek authors of a more difficult character, such as the dramatic poets and the philosophers.

The Class is examined on paper in the subjects of the prelections thus delivered during the session.

Exercises in Composition and Translation form a part of the class-work at 2 P.M.

Students who, for a reason deemed valid by the Professor, desire to be exempted from attendance at 8 A.M., can obtain a Certificate, qualifying them for the Degree of M.A., by attendance at 2 P.M. only, on condition of their being liable to occasional oral examination, and passing the written examinations.

## MIDDLE GREEK CLASS ('PROVECTIONES.')

The Middle Greek Class meets at 10 A.M. on every week-day except Saturday.

The authors usually read are Xenophon, Herodotus, and Homer. Written Exercises in Elementary Greek Composition are performed every week during the greater part of the Session.

Early in the academical year a thesis is proposed for an English Essay on some important subject connected with the History or Literature of Greece.

The Class is examined on paper in the work done during the Session.

## JUNIOR GREEK CLASS ('TIRONES.')

The Junior Greek Class meets at 12 noon, on every week-day except Saturday.

The earlier part of the Session is devoted to the study of the grammar. The text-book used by the Class is the Greek Grammar of Dr. George Curtius, in the larger edition of the English translation.

*It is desirable that Students intending to join the Junior Greek Class should study beforehand at least Chapters i. to xi. of this Grammar.*

An Examination Paper on Greek Grammar is set in the earlier half of the Session. The Class then proceeds to read extracts from Greek authors, and to perform exercises. Before the close of the

Session, the Class is examined on paper in the whole of the class-work.

Fee for any Public Class, - - - - - £3 3 0

For attending as a Private Student at 2 P.M., - 1 11 6

For a Third Session in any Class, - - - 1 1 0

SUBJECTS FOR SESSION 1878-79.—SENIOR GREEK CLASS. At 8 A.M. : Homer, *Odyssey*, books vi. and vii. ; Thucydides,\* book iii. ; Herodotus,\* book vi. At 2 P.M. : Plato,† *Gorgias* ; Sophocles,\* *Electra*.—MIDDLE GREEK CLASS. Xenophon, *Anabasis*, book iv. ; Herodotus, book ii. ; Homer, *Iliad*, book xxiv.

### LOGIC AND RHETORIC.

This Professorship is one of those founded by the charter of Nova Erectio, in 1577. The Professor is elected by the University Court.

*Professors from the year 1727.*

1727. John Loudon.

1751. Adam Smith, LL.D.

1787. George Jardine, M.A.

1752. James Clow.

1827. Robert Buchanan, LL.D.

1864. JOHN VEITCH, LL.D.

This Class meets daily on five days of the week from 9 to 10 A.M., for Lecture, and on Mondays, Wednesdays, and Fridays, from 11 to 12 noon, for Oral Examination and the Reading of Exercises and Essays.

The Course of Lectures is so arranged as to embrace the following subjects in each session :—

I. PSYCHOLOGY and METAPHYSICS—under which is given an account of the Faculties and Capacities of the Mind, and of the General Nature, Limits, and Objects of Human Knowledge.

II. LOGIC.—(A.) Pure or Formal Logic, embracing the Doctrine of Notions (Terms), Propositions, Reasonings, Fallacies. (B.) Applied or Material Logic, embracing the Theory and Processes of Science (Observation, Induction, Deduction), and the General Laws of Evidence. Instruction in Logic is conveyed partly by means of a text-book.

III. RHETORIC.—A portion of the course is devoted to the Principles of Rhetorical and Oratorical Excellence.

Exercises and essays on subjects connected with the course are prescribed to the students ; and general written examinations take place at regular intervals during the currency of the session.

\* Subjects for the Ordinary Degree of M.A., April and November, 1879.

† Subjects which can be offered for the Degree of M.A., with Honours.

The class is annually arranged into two divisions, senior and junior, according to the age of the students ; and prizes, adjudged by the votes of their class-fellows, are assigned, in each of the divisions, to those who have most distinguished themselves by diligence, proficiency, and ability in the exercises and examinations of the session.

The Fee for the Ordinary Course is £3, 3s.

An advanced class for the HIGHER METAPHYSICS,—embracing the subjects prescribed for honours in Mental Philosophy, meets twice a week, on Tuesdays and Thursdays from 1 to 2 P.M.

Fee for the advanced Course, - - - - £1 11 6

### MORAL PHILOSOPHY.

This Professorship also was founded by the charter of Nova Erectio, in 1577. The Professor is elected by the University Court.

*Professors from the year 1727.*

1726. Gerschom Carmichael.	1764. Thomas Reid, D.D.
1730. F. Hutcheson, LL.D.	1780. Archd. Arthur, M.A.
1746. Thomas Craigie.	1797. James Milne, M.A.
1752. Adam Smith, LL.D.	1839. William Fleming, D.D.
1866. EDWARD CAIRD, LL.D.	

The Moral Philosophy Class meets at 8 A.M. on five days of the week for Lecture, and at 11 A.M. on Mondays and at 8 A.M. on Saturdays for examination. Public Students must attend at the hours of Lecture, and either on Saturday at 8 A.M. or on Monday at 11 A.M. for examination. In the Lectures Moral Philosophy is treated both historically and systematically.

The historical part of the course includes some general lectures on the relation of Philosophy and History, and an account of the most important Ethical and Social theories, ancient and modern. The systematic part of the course includes lectures on Psychology as the basis of morals, on the principles of Jurisprudence, and Social Ethics, and on the relations of Philosophy to Theology.

In alternate years courses of lectures are delivered upon Political Economy, and upon some of the subjects of the examination for the Degree with honours. During next session Mr. Caird will lecture on Political Economy, on Tuesdays and Thursdays, at 5.30 p.m.

Fee for the Moral Philosophy Class,	-	-	£3	3	0
Fee for the Political Economy Class,	-	-	1	11	6

## NATURAL PHILOSOPHY.

This Professorship was founded by the charter of Nova Erectio, in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court.

### *Professors from the year 1727.*

1727. Robert Dick.

1751. Robert Dick, M.D.	1796. James Brown, LL.D.
1757. John Anderson, M.A.	1803. W. Meikleham, LL.D.
1846. SIR WILLIAM THOMSON, LL.D., D.C.L., F.R.S.	

The Natural Philosophy Class meets at 9 A.M., and at 11 A.M. or 12 daily.

The first hour is chiefly spent in statements of Principles, description of Results of Observation, and Experimental Illustrations. The second hour is devoted to Mathematical Demonstrations and Exercises, and Examinations on the Elementary parts of the course, on Tuesdays and Thursdays, at 11 A.M.; and to a higher Mathematical Course on Mondays, Wednesdays, and Fridays, at 12 o'clock.

The Text-books to be used are—

“A Treatise on Natural Philosophy,” by Professors Sir William Thomson and P. G. Tait (Clarendon Press); “Elements of Natural Philosophy,” by the same authors (Clarendon Press); a “Lecture on Navigation,” by Professor Sir William Thomson (W. Collins & Sons); “Dynamics,” by J. T. Bottomley (W. Collins & Sons); and “Everett’s Translation of Deschanel’s Natural Philosophy” (Blackie & Sons).

The more elementary of the treatises by Thomson and Tait will be used for the work required of all students of Natural Philosophy in the regular curriculum. The whole, or certain specified parts of the larger treatise will be prescribed in connection with voluntary examinations and exercises in the class, and for candidates for the Degree of M.A. with honours. Students who desire to undertake these higher parts of the business of the class ought to be well prepared on all the subjects of the Senior Mathematical Class.

The Laboratory in connection with the class is open daily, from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistant, and the Demonstrator in Experimental Physics.

The main divisions of the course are—

(1.) Abstract Dynamics (including Elements of Physical Astro-



nomy); (2.) Properties of Matter; (3.) Thermodynamics; (4.) Illustration.

Illustration is conducted partly through examples and calculations; partly by experiment.

A programme of the subjects that will be taken up, as far as time permits, during the Session 1878-9, is published, and may be had on application at the Natural Philosophy Class-room.

Fee for the Natural Philosophy Class,	-	£4	4	0
„ Students of the Second Year,	-	3	3	0
„ Physical Laboratory,	- -	5	5	0

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#### THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively £2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

*Demonstrator.*

1875. JAMES THOMSON BOTTOMLEY, M.A.

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#### MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court.

*Professors from the year 1691.*

1691. George Sinclair.	1761. Jas. Williamson, D.D.
1699. Robert Sinclair, M.D.	1796. James Millar, M.A.
1711. Robert Simson, M.D.	1832. James Thomson, LL.D.
1849. HUGH BLACKBURN, M.A.	

*Junior Class.*

*Lower Division* (OR FIRST YEAR'S COURSE). Subjects : *Euclid* and *Algebra*, both from the beginning.

*Junior Class.*

*Upper Division* (OR SECOND YEAR'S COURSE), for students who have attended the first year's course, or who have otherwise acquired a knowledge of *Euclid*, Books I, II, III, IV, and of *Algebra* as represented by the first twenty-two Chapters (Chaps. XIV, XV, XIX, excepted) of Todhunter's larger Text-book. Subjects : *Euclid*, Books V, VI, and XI, *Higher Algebra* and *Algebra applied to Geometry*, *Elements of Trigonometry*.

*Senior Class.*

(OR THIRD YEAR'S COURSE). Subjects : *Analytical Trigonometry*, *Analytical Plane-Geometry*, *Differential and Integral Calculus*.

Attendance on the Mathematical Classes, for not less than two Winter Sessions, one of which must be on either the Upper Junior or the Senior Class, is required for the degree of M.A., unless the candidate at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class, in which case, attendance on the Senior Class for one session is sufficient.

The Senior Class meets at 10 A.M.; the upper division of the Junior Class at 12 noon ; a portion of the lower division at 12 noon, and another portion at 9 A.M. or 10 A.M.

The Fee for each session is - - - - £3 3 0

*PRACTICAL ASTRONOMY.*

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown.

*Professors from the year 1760.*

1760. Alexander Wilson, LL.D.

1784. Patrick Wilson, LL.D.		1803. James Cooper, D.D.
1799. W. Meikleham, LL.D.		1836. John P. Nichol, LL.D.

1859. ROBERT GRANT, LL.D., F.R.S.

An Observatory has always existed in connection with this Chair. The present Observatory buildings are situate on an eminence in the immediate vicinity of the University buildings.

The principal instruments are :—a Meridian Circle of three feet six inches diameter, by Ertel of Munich ; and an equatorially-mounted Refractor, of nine inches aperture, and thirteen feet focal length, by Cooke of York. The acquisition of the latter instrument is quite recent, and is mainly due to the liberality of a few private gentlemen, chiefly residing in Glasgow.

Dr. Wilson, the second occupant of this Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

The duties of the Professor of Practical Astronomy consist mainly in making astronomical observations ; but he also delivers a short Course of Lectures on Astronomy at the College during the session, and gives expositions on instruments and methods of observation at the Observatory.

### *CIVIL ENGINEERING AND MECHANICS.*

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the Crown. The emoluments of this Chair were increased in 1872, by a supplemental endowment by Mrs. Elder,\* widow of Mr. John Elder, Engineer and Shipbuilder, Glasgow ; and more recently, in 1876, an Assistantship was founded by bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.†

#### *Professors.*

1840. Lewis D. B. Gordon, C.E.

1855. William J. Macquorn Rankine, C.E., LL.D.

1873. JAMES THOMSON, C.E., LL.D., D.Sc., F.R.S.

The courses of the Professor of Engineering comprise a junior and a senior course of Lectures and Examinations designated as "Civil Engineering and Mechanics" ; and a junior and a senior practice course of instruction designated as "Office and Field Work in Engineering."

Each of these courses commences at the beginning of the winter session, and lasts during the whole of that session—that is, from the beginning of November till the end of April.

The Junior Class of Civil Engineering and Mechanics meets on

\* The annual income of a sum of £5,000.

† The salary for the Young Assistantship thus founded is £140, or thereby.

Mondays, Wednesdays, and Fridays, from 11 till 12 noon. It is intended ordinarily to be taken by students in the second year of their Engineering curriculum. The lectures include generally most of the following subjects:—Principles and Practical Methods of Surveying and Levelling ; and the Principles and use of Theodolites and Levelling Instruments ; Mensuration, especially in reference to Railway Earthworks ; setting out Railway Curves, and Lines of Railway generally ; Tunnelling ; Specifications for Engineering Contracts ; a brief introduction to Architecture as a Fine Art.

The Senior Class of Civil Engineering and Mechanics meets at 4 P.M. daily, Saturdays excepted. It is intended ordinarily to be taken by students in the third year of their Engineering curriculum. The subjects of study from which the courses of detailed teaching are proposed chiefly to be selected, with some variations in different sessions, may be stated briefly as follows:—Revision or further prosecution of some of the subjects proposed for the junior course ; Elasticity and Strength of Materials ; and Strength, Stability, and Stiffness of Structures ; Bracing of Framed Structures ; Energy, Mechanical Work, Horse Power ; Friction and allied subjects in applied Mechanics ; Principles of Hydraulics ; Gauging of Rivers and Streams ; Flow of Rivers ; Elementary Principles of Thermodynamics ; Prime Movers, especially Steam Engines, common Water Wheels, and Turbines ; Centrifugal Pumps for raising water, and Fans ; Principles and Mensuration for Shipbuilding ; Roofs ; Carpentry ; Bridges and Viaducts ; Canals ; Works of Drainage and Water Supply ; Ventilation and other Sanitary arrangements in Buildings ; Ventilation, Drainage and Management of Water in Mines.

The Junior Class of Office and Field Work meets on Mondays and Wednesdays, from 1 till 3 P.M. It is intended ordinarily to be taken by students in the first year of their Engineering curriculum. The Senior Class meets on Tuesdays and Thursdays, from 1 till 3 P.M., and is intended ordinarily to be taken in the second year of the curriculum. The students of both classes are expected to prosecute studies and perform practical work in the business of the classes, at times extra to those appointed for the regular meetings ; and they are occasionally required to attend on Saturdays or other days, for some hours, for indoor or outdoor engagements. The course for these classes comprises generally the following subjects and proceedings, or most of them ; the more easy and elementary portions being prosecuted in the junior class, and the more advanced in the senior class :—Lectures and Practical Lessons in Descriptive Geometry, Orthographic and Isometric Projection, and Perspective : Practice in Engineering and Architectural Drawing, and in Surveying, Levelling, Plotting, and

Mensuration ; Experimental Work in Engineering Science ;  
Engineering Excursions.

Fee for each of the Engineering Classes, - £3 3 0

*Certificate of Proficiency in Engineering Science.*

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

*Ordinary course for the Certificate of Proficiency in Engineering Science.*

FIRST YEAR—

Inorganic Chemistry, 5 days weekly, - - - 10 A.M.

(*Chemical Laboratory may be taken in this or any other year, Winter or Summer Session, if selected as part of the course. See below :—Third year.*)

Mathematics,\* Lower or Upper Junior, 5 days weekly, - - - - - 9 A.M. or 12 noon.

Junior Class of Office and Field Work in Engineering, Mondays and Wednesdays, - - 1 till 3 P.M.

SECOND YEAR—

Geology and Mineralogy, optional in this or third year, Tuesday, Wednesday and Thursday, - 8 A.M.

Natural Philosophy, { 5 days weekly, - - 9 A.M.  
Also recommended, if practicable, Tues. and Thur., 11 A.M.

Mathematics, Senior or Upper Junior, 5 days weekly, - - - - - 10 A.M. or 12 noon.

Civil Engineering and Mechanics, Junior, Monday, Wednesday, and Friday, - - - 11 A.M.

Senior Class of Office and Field Work, Tuesday and Thursday, - - - - - 1 till 3 P.M.

THIRD YEAR—

Geology and Mineralogy, if not previously attended, Tuesday, Wednesday, and Thursday, - - 8 A.M.

Natural Philosophy, { 5 days weekly, - - 9 A.M.  
and Tues. and Thur., - 11 A.M.

Senior Mathematics, if not previously attended, 5 days weekly, - - - - - 10 A.M.

\* Students who, on entering the University, show themselves qualified to enter the Senior Mathematical Class, by passing the Mathematical part of the Preliminary Examination in Arts (see Preliminary Examinations in Arts) are not required to attend the Junior Class of Mathematics.



Physical Laboratory, about two hours on 3 days weekly, or  
Chemical Laboratory, 5 days weekly; or the Chemical  
Laboratory can be attended in any year in summer instead.

Civil Engineering and Mechanics, Senior, 5 days  
weekly, - - - - -

4 P.M.

*Modifications allowable in special cases.*

Some moderate deviations from the above course will be arranged for in cases in which the circumstances, duly considered, are found to render such change desirable and suitable; for this purpose, application may be made beforehand to the Board of Examiners in Engineering Science, through the Professor of Engineering as Convener of the Board. Students who commenced, before the summer of 1877, their course of attendance, with a view to obtain the certificate, may complete their courses of attendance according to the arrangements in the Calendar of 1876-77.

*Examinations, &c.*

The examinations for certificates of proficiency in Engineering Science are carried on partly along with the examinations for Degrees in Arts and Science, and partly along with the class examinations and written examinations for the Walker Prizes; and the examinations by the Professor of Engineering for decisions in April may be commenced on or after the 11th of March. Examinations in Civil Engineering and Mechanics and in Drawing will be held in November, if applied for to the Clerk of Senate on or before the 1st of October. No candidate is admitted to the special Examination for the Certificate, in any department, till he has attended the prescribed course of study in that department.

Candidates offering themselves for being tested as to their skill in Drawing, with a view to passing in April or in November, must have, in the January preceding, passed with the Professor of Engineering a preparatory test by examination, and by scrutiny of their Drawings, or otherwise as may be arranged in special cases. All Drawings intended to be submitted for proof of skill in drawing for the Certificate are required to be lodged with the Professor of Engineering on or before the 10th of April, or the 2d of October in each year.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, and Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate, provided the candidate passes a sufficient examination in

each branch of Science by the proper authorities of this University.

Candidates for Certificates of proficiency in Engineering Science, who are Graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy; and if any such Graduate has obtained honours in Chemistry and in Geology, he is exempted from study and examination in the Science or Sciences in which he has obtained honours.

A fee of One Guinea is paid by all students who receive the certificate in Engineering Science.

It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendance in the University, in engineering or architectural service, in offices, or in workshops, or in works such as railways, water works, or harbour works, in progress.

*As to the Degree of B.Sc., in the Department of Engineering, see Index.*

*As to the Walker Prizes, and the George Harvey Prize, in the Class of Civil Engineering and Mechanics, see Index.*

## ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commissioners, of date 25th November, 1861, and is in the gift of the Crown.

*Professor.*

1862. JOHN NICHOL, LL.D.

This class meets after the Christmas recess on five days of the week till the end of April. During the ensuing session it will consist of two divisions, Junior and Senior, attendance on either of which will qualify students to proceed to their degrees.

### JUNIOR CLASS.

This class will meet daily from 2 to 3 P.M. The course, adapted to less advanced or experienced students, will consist of a series of Lectures on English Composition, a review of a period of English Literature, and a detailed study of the text of some characteristic work of a well-known author.

### SENIOR CLASS.

The Senior Class will meet, as formerly, from 4.30 to 5.30 P.M. The course will comprise—

1. A series of Philological Lectures, tracing the origin and growth of the English Language from the Anglo-Saxon down to the present day, and illustrating its affinities with other tongues.

2. An exposition of the general principles of Taste, as applied to Style.

3. A historical review of a period of English Literature (including our early Literature), with more minute criticism of some works of the more difficult authors.

Public Students in both classes will be examined *viva voce*, and required to pass a written examination (without books) before the close of the session.

Written exercises and essays, which will be criticised by the Professor, are also required to be given in by all public students of either class.

Text-Books—Junior: Arnold's or Spalding's *English Literature; Composition Primer*, in Macmillan's series. Senior: Arnold's or Shaw's *English Literature*; Marsh's *English Language*; *Tables of History and Literature*, by Professor Nichol; Campbell's *Rhetoric* and Seeley & Abbott's *English Lessons for English People* are also recommended.

Class Fees—For either Class, £3, 3s. For second year's attendance, or senior students who have been in the Junior Class, £2, 2s.

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## II.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four Classes of Divinity, Oriental Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the Ministry of the Church of Scotland. Under Acts of the General Assembly, 1863, xiv, 1866, ix, and 1874, ix, xi, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions; and to give at least two sessions of regular attendance in the Classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, along with a certificate from the Presbytery recommending him, a certificate signed by the Convener or Vice-convener of one of the Four Examining Committees appointed, under Act of Assembly, 1872, to conduct the examination of students previous to their entering

the Divinity Hall.\* In order to be admitted to this examination he must produce, in addition to the certificate from the Presbytery recommending him, the diploma of a Master of Arts, or certificates from the several Professors, under whom he has studied, that he has attended regularly all the classes prescribed by the Church for students who intend entering the Hall—viz., Latin, Greek, Logic, Mathematics, Moral Philosophy, and Natural Philosophy, in such order as is prescribed in the University at which he has studied. If he produces evidence that he holds the degree of Master of Arts, or that he has passed all the departmental examinations for that degree, it is competent for the Examining Committee to exempt him from examination in those branches of Literature and Science, proficiency in which is denoted by such a Degree. The examination embraces also the *Elements of Hebrew Grammar*.

Each student, in order to his enrolment for each subsequent session of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction with the same, as well as a certificate of his good moral character from the minister of his parish.

Each student is required, during his curriculum, to deliver six discourses—viz., an EXEGESIS in Latin on some controverted head of Divinity, a HOMILY in English, a CRITICAL EXERCISE on some portion of the original text of the Old Testament, an EXERCISE and ADDITION on some portion of the original text of the New Testament, a LECTURE on some large portion of Scripture, and a POPULAR SERMON. No student can be taken on trials for license by any Presbytery until he has presented a certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses :—(1) That the Latin Exegesis shall be given in to the Professor of Divinity, the Homily to the Professor of Church History, and the Lecture to the Professor of Biblical Criticism, not later than the 31st January in the second year of the student's course ; and (2) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental

\*The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the "Missionary Record" of the Church of Scotland, for July annually: The present convener of the Committee for Glasgow is the *Rev. Robert Jamieson, D.D.*, St. Paul's, Glasgow, and the Vice-convener is the *Rev. Robert Graham, D.D.*, Kilbarchan. The programme of the books and subjects of examination for Session 1878-9 will be found in the "Missionary Record" for April, 1878.

Languages, and the Exercise and Addition to the Professor of Biblical Criticism, not later than the 31st January in the *third* or last session of the course. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

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### DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

#### *Professors.*

1640. David Dickson.	1740. Michael Potter.
1642. Robert Bailie.	1744. William Leechman, D.D.
1653. John Young.	1761. Robert Trail, D.D.
1669. Gilbert Burnett, D.D.	1775. James Bailie, D.D.
1674. David Liddell.	1778. William Wight, D.D.
1682. Alexander Ross, D.D.	1783. Robert Findlay, D.D.
1684. James Wemyss, D.D.	1814. Stevenson Macgill, D.D.
1692. James Wodrow.	1839. Alexander Hill, D.D.
1708. John Simson.	1862. John Caird, D.D.
1873. WILLIAM PURDIE DICKSON, D.D.	

The Course of Theology extends over three sessions. The Lectures during next session will treat partly of Biblical Theology in continuation of those of last session, partly of the History of Doctrine. A portion of time will be devoted to instruction in Systematic Theology on the basis of a text-book, and to the delivery of discourses by the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the class will be held at intervals during the session.

The class will meet on five days in the week, at 12 o'clock. Fee for each session, Three Guineas.

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### ORIENTAL LANGUAGES.

This Professorship was founded by Queen Anne, 1709. The Professor is appointed by the University Court.

#### *Professors.*

1709. Charles Morthland.	1761. Robert Trail, D.D.
1745. Alexander Dunlop, M.A.	1761. Patrick Cumin, LL.D.
1751. William Rouet.	1814. Gavin Gibb, D.D.
1753. George Muirhead.	1831. William Fleming, D.D.
1755. John Anderson, M.A.	1839. George Grey, D.D.
1757. James Buchanan, M.A.	1850. Duncan H. Weir, D.D.
1877. JAMES ROBERTSON, M.A.	



I.—*Junior Class*, 10 A.M. (1.) Hebrew Grammar, from the elements, with progressive exercises, oral and written. (2.) Readings from the Prose Scriptures. Students preparing for the ministry are recommended to take this class before entering the Divinity Hall.

II.—*Second or Middle Class*, 9 A.M. (1.) More advanced study of the Hebrew Grammar. (2.) Readings from the Prophetical and Poetical Scriptures. (3.) Elements of Chaldee. Students entering this class will be tested as to their familiarity with the paradigms of the verb and noun, and their ability to read fluently and to translate simple sentences into Hebrew.

III.—*Third or Senior Class*, 1 P.M., on Monday, Tuesday, Wednesday, and Thursday. (1.) Readings from the more difficult parts of the Hebrew Scriptures. (2.) Elements of Syriac and Arabic (in alternate sessions.) (3.) Lectures and Expositions. Students on entering must satisfy the Professor that they are qualified to perform satisfactorily the work of the class.

Class Fee, £3, 3s. The Third Class is free to those who have attended the Junior and Middle Classes.

### ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I, in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

#### *Professors.*

1721. William Anderson.

1752. William Rouet.	1807. William M'Turk, D.D.
1762. William Wight, D.D.	1841. Jas. Seaton Reid, D.D.
1778. Hugh M'Leod, D.D.	1851. Thos. T. Jackson, D.D.

1874. WILLIAM LEE, D.D.

The class of Church History meets from 11 to 12 o'clock, on five days of the week. The course extends over two sessions, and embraces a series of lectures, as well as oral and written examinations, the latter being in part founded on a text-book. To suit the class arrangements, the Church History Class should be taken in two *consecutive* years. The fee for each session is Three Guineas.

### DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commissioners, of date 25th November, 1861. The Professor is appointed by the Crown.

#### *Professors.*

1863. William P. Dickson, D.D.

1873. WILLIAM STEWART, D.D.

This class will meet, on five days of the week, at 10 A.M.

The course of lectures is arranged to extend over two sessions; and the class should accordingly be attended in two *consecutive* years.

The lectures for 1878-79 will treat of the Principles of Interpretation, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on Subjects suggested by the work of the class are prescribed at intervals during the session, and the progress of the students is further tested by examinations, partly oral and partly written.

Fee for each session, Three Guineas.

### III.—FACULTY OF LAW.

The Faculty of Law embraces the classes of Law (including Scotch Law and Civil Law) and Conveyancing, and also the class of Medical Jurisprudence. In this Faculty there are also Lectureships on Public Law, and on Constitutional Law and History.

#### *LAW.*

This Professorship is in the gift of the Crown. After being long in abeyance for want of revenue, it was revived and endowed by Queen Anne, in 1713.

#### *Professors.*

1714. Wm. Forbes, Advocate.

1746. Wm. Cross, Advocate.

1750. Hercules Lindsay, LL.D.

1761. John Millar, Advocate.

1801. R. Davidson, Advocate.

1842. Allan A. Maconochie,  
Advocate.

1855. George Skene, Advocate.

1867. ROBERT BERRY, M.A., Advocate.

1. SCOTCH LAW.—The course extends to about 100 Lectures, besides the meetings of the class for examination ; and it embraces as full a course of Scotch Law in each session as the time will permit. It includes Lectures on the Sources and Development of the Law of Scotland ; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality ; the Law of Sale, at Common Law and as affected by Statute ; Stoppage *in transitu* ; Retention and Lien ; Loan ; Deposit ; Pledge ; Hiring, and the Law of Master and Servant ; Law of Carriers and Affreightment ; Mandate ; Partnership ; Bills of Exchange ; Cautionary Obligations ; Marine, Fire, and Life Insurance ; Law of Heritage ; Rights of Fishing ; Servitudes ; Teinds ; Prescription as applicable to Heritage ; Law of Landlord and Tenant ; Succession in Heritage and Moveables, Testate and Intestate ; Marriage and Divorce, and the Rights of Husband and Wife, with International Questions of Jurisdiction ; Law of Parent and Child ; Guardian and Ward ; Actions and Evidence ; Damages ; Bankruptcy ; Criminal Law, &c.

The text-book recommended to students is Bell's "Principles of the Law of Scotland."

The class meets five days a week—viz., every day except Monday, from 8 to 9 A.M. On alternate Saturdays the hour is in general devoted to the ordinary class examinations, which are conducted in writing.

The Fees for the Class of Scotch Law are £4, 4s. for the first year of attendance, £2, 2s. for the second, and £1, 1s. for the third.

Three Prizes are given by the University for proficiency in the class examinations. An annual prize is also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

2. CIVIL LAW.—In addition to the class of Scotch Law, a class of Civil Law will be formed in alternate sessions. There will be no class of Civil Law in session 1878-9.

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## CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commissioners, of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of

appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

*Professors.*

1862. Anderson Kirkwood, LL.D.

1867. JAMES ROBERTON, LL.D.

The course extends to upwards of 80 Lectures, arranged under the following heads : (1.) Introductory and Preliminary Lectures, —the latter embracing the Authorities to be cited, the Registers to be referred to, and the Stamp Laws to be observed. (2.) The essential requisites of, and the clauses common to, all Deeds. (3.) Personal Bonds, Personal Contracts (other than Marriage Contracts), and Deeds, *inter vivos*, relating to Moveable Estate. (4.) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (5.) Heritable Securities. (6.) Leases. (7.) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (8.) The completion of Titles, in case of death, to Heritable and Moveable Estate, whether Testate or Intestate.

*Lecture Days.*—Tuesday, Wednesday, Thursday, and Friday.

*Examination Day.*—Saturday. Fee for first year's students, £4, 4s. ; second year's students, £2, 2s.

Prizes are given by the University and the Professor for eminence in the class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination towards the end of the session, generally on the completion of Titles in Feudal Conveyancing.

*MEDICAL JURISPRUDENCE.*

(See under Faculty of Medicine.)

*PUBLIC LAW.\**

*Lecturer.*

1878. WILLIAM GALBRAITH MILLER, M.A., LL.B.

*CONSTITUTIONAL LAW AND HISTORY.*

*Lecturer.*

1878. CHARLES SCOTT DICKSON, M.A., Advocate.

\* Information as to this class will be found under "Bachelor of Laws." See Index.

## IV.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the classes of Practice of Medicine, Anatomy, Natural History, Surgery, Midwifery, Chemistry, Botany, Materia Medica, Institutes of Medicine, Medical Jurisprudence, Clinical Surgery, Clinical Medicine, and Pathology, on all of which attendance is required for the Degree of M.B. To this Faculty also belongs the Lectureship on Diseases of the Eye.

*PRACTICE OF MEDICINE.*

This Professorship, created in 1637, but long suppressed for want of revenue, was revived and endowed in 1713. It is in the gift of the Crown.

*Professors.*

1714. John Johnstoun, M.D.	1789. Thomas C. Hope, M.D.
1751. William Cullen, M.D.	1796. Robert Freer, M.D.
1756. Robert Hamilton, M.D.	1827. Charles Badham, M.D.
1757. Joseph Black, M.D.	1841. William Thomson, M.D.
1766. Alex. Stevenson, M.D.	1852. John M'Farlane, M.D.
1862. WILLIAM TENNANT GAIRDNER, M.D.	

This course is directed to the exposition of the Healing Art in its more practical aspects, having regard especially to those general principles and doctrines which are more directly available at the bedside of the sick. It is the object of the Lecturer to enforce these principles from a variety of points of view, rather than to give a complete synopsis annually of the individual details of practice in all departments. He is, therefore, in the habit of varying the arrangement of the course from year to year, in order that the mind of the student may be brought to bear upon different aspects of the subject with sustained and renewed attention. In 1878-9 the first part of the course will be occupied with the description of certain forms of Constitutional Disease, *e. g.*, Gout, Rheumatism, Scurvy, Tuberculosis, Syphilis, &c., and in connection with these, the general principles and practical applications of Thermometry in Medicine, and the clinical investigation of the blood and the tissues with respect to abnormal states of nutrition; two days a week, however, being reserved for the elements of Physical Diagnosis, which will be taught as far as possible in connection with demonstrations at the Western Infirmary. Diseases of the Larynx, Lungs, and the function of Respiration, in so far as not comprised in the course of 1877-78; Diseases of the Heart and Circulation; Diseases of the Liver and



Kidneys ; and thereafter of the Intestinal Canal, will be discussed in succession, and, so far as time permits, Diseases of the Skin. The course will be illustrated by drawings, wax casts, models, and preparations of morbid Anatomy ; and the Lecturer will also refer to the cases under his care in the Infirmary, and, in general, will lead the student to look to his Hospital practice as the evidence in detail of what is stated in the class-room.

*Text-books.*—The systematic treatises on Practice of Medicine of Sir Thomas Watson, Bristowe, Tanner, Frederick Roberts, Niemeyer (the original, or American translation), and Austin Flint, may all be recommended ; the first-named being probably the most generally useful, as being more in accordance with English ideas and modes of prescription than the admirable work of Niemeyer, which, however, is very strongly and specially recommended to the careful study of senior students. Aitken's "Science and Practice of Medicine" will be found specially useful by those who intend to enter the Army or Navy Medical Service. Fenwick "On Medical Diagnosis," and Gee "On Auscultation and Percussion," are smaller and more special works, which will be found very serviceable. The Professor's "Clinical Medicine" (1862) is out of print, but will be found in the Reading Room, and may be used for occasional reference.

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### ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and College jointly. A separate Professorship of Botany was established in 1818, a distinct lectureship on that branch having existed for a considerable time previously.

#### *Professors.*

1718. Thomas Brisbane, M.D.	1781. Wm. Hamilton, M.D.
1742. Robert Hamilton, M.D.	1790. James Jeffray, M.D.
1756. Joseph Black, M.D.	1848. Allen Thomson, M.D.,
1757. Thos. Hamilton, M.D.	LL.D., F.R.S.
1877. JOHN CLELAND, M.D., F.R.S.	

#### *Demonstrator.*

William Allen, M.D.

In the WINTER SESSION, Anatomical Instruction is conducted in the following courses, viz.—

1. DESCRIPTIVE OR ELEMENTARY COURSE OF LECTURES.—This class meets on five days weekly, from 11 to 12 o'clock. The

lectures comprehend a full systematic description of the Bones, Joints, and Muscles, and a general view of the Vascular and Nervous Systems, and of the more important Internal Viscera.

2. **ADVANCED COURSE OF LECTURES AND DEMONSTRATIONS.**—This class meets on five days weekly, from 2 to 3 o'clock. The course comprehends: 1st, A description of the Distribution and Relations of the Blood-Vessels and Nerves, with Demonstrations of Regional or Topographical Anatomy; 2nd, a detailed Description of the Viscera, and of the Brain and Organs of the Senses; 3rd, General and Special Histology.

3. **PRACTICAL ANATOMY, OR DISSECTIONS** made by the students, under the superintendence of the Professor and Demonstrator. The rooms are open from 9 to 4 o'clock daily, except on Saturdays, when they close at mid-day.

Examinations are held in each course, orally and in writing; and from time to time additional meetings of the senior class take place for Microscopical Demonstrations.

A tutorial class for junior students meets at a separate hour.

**TEXT BOOKS.**—Quain's "Anatomy," and Ellis's "Demonstrations;" Cleland's "Directory for Dissection."

In the **SUMMER SESSION**, the rooms for Practical Anatomy are open from 8 A.M. to 2 P.M. daily. Demonstrations of Surgical and Topographical Anatomy, with lectures on various Anatomical topics, are delivered daily; and Elementary Instruction for beginners is also given.

## *NATURAL HISTORY.*

This Professorship was founded by George III, in 1807. The Professor is appointed by the Crown. In 1876 Mrs. Honyman Gillespie, of Torbanehill, endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

### *Professors.*

1807. Lockhart Muirhead, LL.D.

1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.

1866. JOHN YOUNG, M.D.

*Honyman Gillespie Lecturer.*

1876. JOHN YOUNG, M.D.

The lectures on Natural History will be delivered as follows:—

1. A Course of Lectures on Zoology, five days weekly, at 9 A.M., commencing in October.

2. A Course of Lectures on Geology, five days weekly, at 8 A.M., commencing in January.

Arrangements have been made for practical instruction in the Zoological Laboratory during the Summer Session. Laboratory fee, £1, 1s.

Engineering students and candidates for Degrees in Science should arrange their classes so that their final examination shall not take place till some months after their attendance at these classes; and that they shall have attended Chemistry before Geology.

Candidates are reminded that they cannot be admitted to examination unless they have attained the value of 50 per cent for their exercises in the Class of Geology.

The Professional Examinations in October, 1878, will have special reference to the *Cœlenterata* and *Mammalia*; those in April, 1879, to the *Insecta*, *Molluscoida*, *Aves*.

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### SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

#### *Professors.*

1815. John Burns, M.D.

1850. James A. Laurie, M.D. | 1860. Joseph Lister, M.B., F.R.S.

1869. GEORGE H. B. MACLEOD, M.D., F.R.S.E.

The Professor delivers during winter a course of lectures on the Principles and Practice of Surgery, and in summer conducts a course of Operative Surgery.

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### MIDWIFERY.

This Professorship was founded by George III, in 1815. The Professor is appointed by the Crown.

#### *Professors.*

1815. James Towers, M.D.

1820. John Towers, C.M. | 1834. William Cummin, M.D.

1833. Robert Lee, M.D. | 1840. John M. Pagan, M.D.

1868. WILLIAM LEISHMAN, M.D.

The lectures embrace the Theory and Practice of Midwifery and the Diseases of Women and Children. The Professor is *ex-officio* Physician to the University Lying-in Hospital and

Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered circumstances of the school having, however, rendered it in a great measure unavailable for Clinical instruction, other arrangements are now being made. The Managers of the Western Infirmary have already placed a ward for the Diseases of Women under the charge of the Professor, and the establishment of an Out-door department of Practical Midwifery is now under their consideration, by which it is hoped that ample opportunities of Clinical instruction may be afforded to the students.

### CHEMISTRY.

This Professorship was founded by George III, in 1817, previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University.

#### *Lecturers.*

1747. William Cullen, M.D.	1769. William Irvine, M.D.
1756. Joseph Black, M.D.	1787. Thomas C. Hope, M.D.
1766. John Robison, LL.D.	1791. Robert Cleghorn, M.D.

#### *Professors.*

1818. Thomas Thomson, M.D.	1852. Thomas Anderson, M.D.
1874. JOHN FERGUSON, M.A.	

#### *Assistants.*

John Hutchison.	William Ramsay, Ph.D.
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#### *Lectures on Systematic Chemistry.*

The Lectures of this course are delivered daily at 10 A.M. during the Winter Session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and the latter part of the course is devoted to the subject of Organic Chemistry.

*Tutorial Classes.* In addition to the regular lectures, the students are divided into small tutorial classes, which meet at 9 A.M., and receive additional instruction from Mr. Ramsay.

Written exercises are prescribed, and oral written examinations held during the session.\*

\* Arrangements are making by which short courses of from 12 to 20 or 25 Lectures on some special or advanced subject will be delivered during the Session. The subjects of these courses will be announced from time to time.

It is proposed to give Lectures next Session on some of the subjects connected with the B.Sc. Degree, and also a course of Lectures on the earlier period of Modern Chemical History.

*Organic Chemistry.*

A special course of Lectures on Organic Chemistry, more particularly intended for Medical Students, will be given hereafter in the Summer Session.

*Analytical Chemistry.*

The Laboratory is open daily during the Winter and Summer Sessions from 10 A.M. to 4 P.M., for instruction in Chemical Analysis, and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently. He is supplied with a table, gas, re-agents, &c., and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students engage in original investigation.

*Practical Chemistry.*

This Course, which is intended for Medical Students, is given during the Summer Session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds.

Attendance on the course of Chemistry being required for the Certificate in Engineering Science, and for the degree of B.Sc., the attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination.

The Senate have resolved that "Hereafter no candidate for a Certificate in Engineering Science shall be admitted to examination in the Department of Chemistry who has not attained to the value of 50 per cent for his written exercises in the class."

For the "Malcolm Kerr," the "Metcalf," and the "George A. Clark" Bursaries in connection with Chemistry, see under "Bursaries."

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*B O T A N Y.*

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 77, as to Botanic Garden.)

*Professors of Botany.*

1818. Robert Graham, M.D.	1841. John H. Balfour, M.D.
1821. Sir Wm. J. Hooker, LL.D.	1845. G. A. Walker-Arnott, LL.D.
1868. ALEXANDER DICKSON, M.D.	



The lectures are given in the College from 12 to 1, during the months of May, June, and July. Besides these, demonstrations are given during seven or eight weeks in the Class-Room at the Botanic Garden from 6.30 to 7.30 p.m.

The subjects in Botany for the First Professional Examination for the Degree of M.B. in October, 1878, will be confined to—

A. Organography (corresponding to Part I of Henfrey's Elementary Course,—Masters' Edition).

B. Physiology (corresponding to Part III of Henfrey).

C. Systematic Botany (corresponding to Part II of Henfrey), limited as follows :—

The Candidate may be asked to define given Sub-kingdoms, Divisions, Classes, Series, or Sub-classes, or to refer given plants to such groups. He may also be examined on any of the following natural orders :—

Ranunculaceæ,	Umbelliferæ,	Scrophulariaceæ,
Papaveraceæ,	Valerianaceæ,	Labiataë,
Violaceæ,	Compositæ,	Liliaceæ,
Caryophyllaceæ,	Campanulaceæ,	Amaryllidaceæ,
Leguminosæ,	Primulaceæ,	Orchidaceæ,
Rosaceæ,	Gentianaceæ,	Gramineæ.
Onagraceæ,	Solanaceæ,	

### MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

#### *Lecturers.*

1766. William Irvine, M.D.	1788. Robert Cleghorn, M.D.
1787. Thomas Hope, M.D.	1791. Richard Millar, M.D.

#### *Professors.*

1831. Richard Millar, M.D.	
1834. John Couper, M.D.	1855. John A. Easton, M.D.
1865. JOHN B. COWAN, M.D.	

In accordance with the recommendations of the General Medical Council, and with the concurrence of the Medical Faculty, the Senate, and the University Court, the instructions given in the Winter Course of Materia Medica will in future be more specially devoted to Therapeutics, while in the Summer Session a class for Pharmacology and Practical Pharmacy will meet three times a week.

*INSTITUTES OF MEDICINE, OR PHYSIOLOGY.*

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839.

*Professors.*

1839. Andrew Buchanan, M.D.

1876. JOHN GRAY M'KENDRICK, M.D.

*Assistant and Muirhead Demonstrator.*

John Barlow, M.B.

## SYSTEMATIC LECTURES.

The lectures of this course are delivered daily at 12 noon during the Winter Session. They are devoted to an exposition of the main principles and facts of the Physiology of man, under the two following heads:—

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

Written Exercises are given, and written and oral examinations are held during the session.

## PRACTICAL PHYSIOLOGY.

During the Summer Session, practical instruction will be given in the Laboratory to classes of not more than thirty students in each class, at such hour or hours as may be found convenient. In this course the student will be taught:—(1.) To use the microscope in the examination of the various tissues of the body with the aid of modern methods of hardening, staining, injecting, and mounting preparations. (2.) To analyse the principal fluids of the body, with special reference to the physiological processes by which they are produced. This department is intended as preparatory for clinical duties in the Hospital. (3.) To observe physiological phenomena by modern methods. He will be instructed in the use of physiological apparatus, and will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures.

*The Laboratory.*

The Laboratory is now open daily from 10 A.M. to 4 P.M., under the superintendence of the Professor, to whom application

should be made by those who may wish to pursue original investigation.

*Text-books.*

*Outlines of Physiology*, in its relations to man, by Dr. M'Kendrick. A small work suitable for the practical class is in the press.

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In December, 1876, Dr. Henry Muirhead, of Longdales, Bothwell Parish, presented to the University the sum of £2,100 to endow a demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of physiology. The regulations with reference to the appointment are as follows :—

1. That the title of the appointment be “The Muirhead Demonstratorship of Physiology.”

2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes of Systematic and Practical Physiology and in original investigation.

3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.

4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.

5. That the incumbent will be expected to devote his entire time to the duties of the appointment.

6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

*MEDICAL JURISPRUDENCE.*

This Professorship was created by the Crown in 1839.

*Professors.*

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.  
1872. PIERCE ADOLPHUS SIMPSON, M.D.

The lectures on Forensic Medicine are intended to elucidate the application of Medical Science to judicial proceedings, whether civil or criminal.

The first part of the course is occupied with Medical Evidence

as bearing on personal injuries, including Poisoning. This is followed by questions connected with the Sexual Functions, and questions relating to Bodily and Mental Soundness.

In addition to oral examinations, subjects are prescribed for written exercises ; and in the department of Toxicology much attention is bestowed on the training of the student in the testing of poisons, and the processes for separating poisons from organic mixtures.

N.B.—The lectures on Forensic Medicine are delivered during the Summer Session, daily at 11 A.M.

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### CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

*Professor.*

1874. GEORGE BUCHANAN, M.A., M.D.

The Professor teaches Clinical Surgery by “Lectures and other instruction” on the cases of patients affected with injuries, diseases, &c., requiring Surgical treatment. There is a summer as well as a winter course.

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### CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

*Professor.*

1874. THOMAS M'CALL ANDERSON, M.D.

The Professor teaches Clinical Medicine by “Lectures and other instruction” on the cases of patients requiring Medical treatment. There is a summer as well as a winter course.

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### DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are afforded to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

*Lecturers.*

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.  
1869. THOMAS REID, M.D.

*Waltonian Medical Lectureship.*

Founded in 1788, by the Rev. Dr. William Walton, of Upton, in the County of Huntingdon, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,250. It is at present held by DR. THOMAS REID, who is also Lecturer on Diseases of the Eye.

### III.—LIBRARIES, MUSEUM, BOTANIC GARDENS.

#### UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Library is under the management of a Committee appointed annually from the Members of Senate. The Librarian is elected by the Senate.

The Library is always increasing by donations and by a grant of £707 per annum from the Treasury, as compensation for the loss of the Stationers' Hall privilege.

The following are the principal regulations relative to the use of the Library by the various classes of readers :—

Each Member of the *Senatus Academicus* is entitled to have in his possession at one time twenty-five volumes, but not more.

Retired Principals and Professors are entitled to have in their possession at one time ten volumes, but not more.

Any assistant to a Professor, or Examiner for Degrees, to whom the *Senatus Academicus* shall think it expedient to grant the privilege of the Library, is entitled to have in his possession at one time ten volumes, but not more.

Each Member of the General Council is entitled, in each year in which he shall have paid a subscription to the Library of Ten Shillings and Sixpence, to have in his possession at one time four volumes, but not more. The annual subscription may be compounded for by a single payment of Five Guineas. In the case of a Member of the General Council, the year commences at 15th October.

Every person in each of the foregoing classes is entitled to retain each book for one month from the date of borrowing during the Winter Session, and for two months from the date of borrowing during Summer, and is further, after the expiration of such period, entitled to retain each book until the annual period of inspection, unless notice shall be received from the Librarian requiring the return of such book.

Any Graduate of the University, who, by reason of being under the age of twenty-one years, is not qualified to be a Member of the



General Council, is entitled (on payment of an annual subscription of Ten Shillings and Sixpence, if he be *not* a Matriculated Student) to have in his possession at one time four volumes, but not more. The Reading term for Graduates under twenty-one years of age who are not Students is the same as that for Members of the General Council.

Every Matriculated Student enrolled in a Class is entitled, on lodging with the Librarian a deposit of One Pound, to have in his possession two volumes (in Summer four volumes) at one time, and to retain any book for two weeks (in Summer, four weeks) from the date of borrowing ; and further, to re-borrow any book for successive periods of two weeks (in Summer, four weeks), unless application for it shall, in the meantime, have been made by another person entitled to the use of the Library.

No reader is entitled to borrow books in more than one capacity, *e.g.* as Student and as Member of the General Council.

If any book, by whomsoever borrowed, be not returned within three days after notice shall be sent by the Librarian requiring the return of such book, a penalty of One Shilling a volume is incurred, and a further penalty of Sixpence a volume for each day so long as the book is not returned, until the amount of the fine shall exceed the sum for which the book can be replaced in the Library.

The Librarian is entitled to have in his possession at one time ten volumes, but not more ; and any Assistant-Librarian, to whom the Senatus Academicus shall think it expedient to grant the privilege of the Library, shall be entitled to have in his possession at one time four volumes, but not more ; provided always that all books borrowed by the Librarian or by any such Assistant-Librarian as aforesaid shall be duly and regularly entered in the ordinary Record of the Library as being borrowed, in the same manner as books borrowed by other persons.

The Senatus Academicus may grant the use of the Library to such extent, and on such conditions as they shall think expedient, to persons for purposes of literary research, and that whether such persons shall be members of the University or not ; provided always that no such privilege shall in any case be granted, except by Minute of the Senatus specifying the grounds on which the grant is made, and the conditions which have been attached thereto, an extract of which Minute shall be forthwith transmitted to the University Court ; provided also that all such persons shall pay a subscription to the Library of Ten Shillings and Sixpence for the current year.

All grants of the use of the Library made by the Senatus Academicus, in pursuance of the preceding section, shall terminate at the annual period of inspection of the Library, but shall be renewable under like conditions, if again applied for on the expiration of that period.

Books belonging to the Library must not be privately transferred from one reader to another ; and must not be lent to Graduates or Students who are not readers.

The Librarian is strictly forbidden to send books by a public conveyance, or do more than deliver books over the counter to a person properly authorised to receive them ; and he is empowered, if he

think fit, to decline to give out books to any one, other than the reader applying in person.

The following classes of books are not given out except on an order signed by three Members of Committee : Manuscripts, Specimens of early Typography, Works containing valuable Engravings, Dictionaries and other works of reference (unless when there is a duplicate in the Library), Maps of a larger size than 20 inches in height and breadth, loose Maps, unbound Music, Works with loose Plates or loose Letterpress, Rare Books, or Books in any way difficult to replace, Pamphlets, stitched Parts of large Works, or Books not sufficiently protected by the binding.

A general inspection of the Library, and of the Record of the borrowing and returning of the books, takes place annually in April, beginning with the 15th and ending with the 22nd.

During the period of the annual inspection, the Library is closed, and all works whatsoever, and by whomsoever borrowed, must be returned to the Library before the commencement of such period, under a penalty of not less than One Shilling a volume ; and in the event of any volume not being returned before the expiration of one week after the last day of the inspection, the fine is repeated weekly, until such volume is returned, or until a copy of the work of the same edition, and of equal value, shall at the expense of the borrower be placed in the Library in its stead.

So long as any person shall remain in possession of a book which he is not entitled to retain, or shall allow any fine incurred by him to remain unpaid, the right of such person to borrow or retain any books whatsoever, or to exercise any of the privileges of the Library, is suspended, and remains in abeyance.

Each person returning a book to the Library must see that the book is marked as returned opposite the corresponding entry in the Receipt Book. For every borrower is liable to replace any volume entered in the Receipt Book in his name and not so marked as returned.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured while in the possession of readers ; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall. Each person must enter his name and address, and the title of the work or works which he desires to consult, in a book kept for that purpose.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of Senate, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the Winter Session, from 11 A.M. till 2-30 P.M., except the Christmas holidays, and the Sacramental Fasts and two following days, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the summer recess it is open on Mondays, Wednesdays, and Fridays, from 11-30 A.M. till 2 P.M.

READING-ROOM.—Every matriculated student is entitled to consult books in the Reading-Room, which is open for that purpose every lawful day, except Saturday, during the Winter Session, from 9 A.M. till 3 P.M.; during the Summer Session (from 1st May to 30th July) from 11 A.M. till 2 P.M.

List of Donations to the Library from 1st April, 1877, to 1st March, 1878.

W. Fairlie Clarke, Esq., M.B., Tunbridge Wells.—A treatise on the diseases of the tongue. 1873.

Professor Gairdner, M.D.—Dr. John Gairdner, Calendar for the correction of dates. Two editions.—Two introductory addresses. Session 1877-78.

P. D. Handyside, Esq., M.D., Edinburgh.—Jubilee chronicon of the Medico-Chirurgical Society, Edinburgh, 1874.

J. Muir, Esq., D.C.L., Edinburgh.—Goethii Iphigenia Graece. 1861.—Kuenen, The five books of Moses. 3 copies. 1877.—Arnold, Higher schools and universities in Germany. 1874.—Wiese, German letters on English education. 1877.—Rig-Veda. Uebersetzt von Grassmann. Th. II. 1877.—Saddarshana-Chintanikā. Vol. I. Nos. 1-9, 11.—Rigveda. Uebersetzt von Ludwig. Bd. I.—Metrical translations from the Sanskrit. Third series.

Professor Veitch, LL.D.—Descartes, Discourse on method and Meditations. 6 copies.

Lord Clerk Register of Scotland.—Series of Chronicles of Scotland. Accounts of the Lord High Treasurer. Vol. I. 1877.—Register of the Privy Council of Scotland. Vol. I. 1877.

Smithsonian Institution.—Annual report of the Board of Regents. 1875. 2 copies. 1876. 2 copies.

Professor George Watt, M.B., Hooghly College.—Lessons in elementary botany. 1877.—First step in botany. 1876.

Thomas Reid, Esq., M.D.—Wecker, Études ophthalmologiques. 2 tomes. 1863-6.—Duncan, Elements of solid geometry. 1834.—Schlömilch, Compendium der höheren Analysis. 2 Bde.

- Rev. Samuel Simpson, Rosedale.—The delusions and errors of Swedenborg. 1876.
- Local Government Board, Whitehall.—Public Health. Reports of the medical officer. N.S. Nos. VII, VIII. 1876.
- C. C. Dawson, Esq., Saratoga Springs, N.Y.—A collection of family records. 1874.—Saratoga. 1874.
- Professor M'Kendrick, M.D.—Physiological and Medical pamphlets. 79 vols.
- James Finlayson, Esq., M.D.—Finlayson, The divine gentleness and other sermons. 1874.—Finlayson, The Christian voyage.
- Thomas Kerslake, Esq., Bristol.—A primæval British metropolis. 1877.
- Royal Irish Academy.—Transactions. Vol. XXV. Science. Part 20. Vol. XXVI. Science. Parts 1-5.—Proceedings. Ser. II. Vol. I. No. 11. Vol. II. Nos. 4-6.—List of the Council and members. July, 1876.
- Geological Survey of India.—Memoirs. Vol. XII. 2 parts. Vol. XIII. Parts 1, 2.—Memoirs. Palæontologia Indica. Ser. X. 2, XI. 1, 2.—Records. Vol. IX. Parts 2-4. Vol. X. Parts 1, 2.
- Institution of Civil Engineers.—Minutes of proceedings. Vols. XLVIII-L. 1877.
- U.S. Bureau of Education, Washington.—Report of the commissioner of Education. 1875.
- Ralston Inglis, Esq., Edinburgh.—Freeman, Spare minutes of a country parson.—Punchard, King Saul. An English poem. 1875.
- Rev. John Gill.—On some points in dispute between Jews and Christians. Second edition. 1870.—Notices of the Jews by the classic writers of antiquity. 1870.—Bovet, The banished Count. Translated. 1865.—Merle d'Aubigné, The story of the Reformation. Second edition. 1862.
- Messrs. Thacker, Spink, and Co., Calcutta.—Tagore law lectures. 1875-76.—Ghose, Law of mortgage in India. 1877.
- University of New Zealand.—Calendar. 1877.—Canterbury College. Prospectus. 1877.
- Trustees of the British Museum.—Guide to the departments of natural history and antiquities. 1877.—Illustrations of lepidoptera heterocera. Part I. 1877.—Catalogue of Chinese books in the Library. 1877.—Descriptive catalogue of cards. 1876.—Catalogue of British fossil crustacea. 1877.—Catalogue of the birds. Vol. III.—Facsimiles of ancient charters. Part III.—Catalogue of additions to the MSS. 1854-75. Vol. II.—Wright, Catalogue of the Ethiopic MSS.—Catalogue of prints and drawings. Satires, Vol. III. 1, 2.—Catalogue of Oriental coins. Vol. III.—Catalogue of Greek coins. Thrace, &c.—Günther, Gigantic land tortoises.—Gayangos, Catalogue of the Spanish MSS. II.
- Mr. Alb. Wallis, Upsala.—Evangelium der Gotteskindschaft. 1873.
- The Countess of Caithness.—Serious letters to serious friends. 1877.
- The Advocate's Library.—Catalogue of the printed books. Vol. V. 1877.
- J. Hardy, Esq., Oldcambus.—Berwickshire Naturalist Club, Proceedings. Vol. VIII. No. 1. 1877.
- M. Houel, Paris.—Catalogue des pièces du Musée Dupuytren. Tome I. Avec Atlas. Tome II. Avec Atlas. 1877.
- Surgeon General, Washington.—Otis, Report on the transport of sick and wounded by pack animals. 1877.
- Dr. F. V. Hayden, U.S. Geologist.—United States geological survey of the territories. Annual reports I-IV. 1867-70.
- Board of Commissioners of Public Charities, Pennsylvania.—Seventh annual report. 1877.



- Professor Young, M.D.—Lindsay, Memoir on the spermogones of lichens. 1863.—Lindsay, Observations on new lichens collected in Otago. Geological Survey of Canada.—Report of progress for 1875-76.
- Corporation of London.—Catalogue of the Library. Fourteenth supplement. 1877.
- Admiral Sir James Hope, G.C.B.—Report on the outbreak of scurvy in the recent Arctic expedition. 1877.
- John Dudgeon, Esq., M.D., Pekin.—The diseases of China. 1877.
- Sanitary Department, Glasgow.—Report on the air of Glasgow. May-August. 1877.—Return of deaths for the quarters ending 31st March, 30th June, and 30th September, 1877.—Macleod, Report on the operations of the Sanitary Department, for the four years ending 30th April, 1877.
- Cambridge Philosophical Society.—Transactions. Vol. XII. 2 parts. 1877.—Proceedings. Vol. III. Parts 1, 2. 1877.
- Sir Redmond Barry, K.C.M.G., Melbourne.—Melbourne Public Library. Supplemental catalogue for 1865.—Report of the Trustees for 1875.
- The Free Church and the higher criticism. 1877.
- Joseph Gordon, Esq., London.—Ninety-three vols. and pamphlets on topics of engineering selected from the Library of the late Professor Gordon.
- Accademia dei Lincei, Roma.—Atti. Ser. 2<sup>a</sup>. Vol. I. II. III. Parti 1-3, and Ser. 3<sup>a</sup>. Transunti. I. II. Fasc. 1, 2. 1875-78. Constitutiones Lynceorum. 1876.
- Lord Clermont.—Fortescue, Works. Supplement.
- The Baird Trustees.—Flint, Theism. 1876. 2 copies.
- University of Calcutta.—Calendar. 1877-78.
- Owens College, Manchester.—Calendar for 1877-78.
- Reuben Aldridge Guild, Esq., LL.D., Providence, U.S.—Life of James Manning, and the early history of Brown University. 1864.—Preface to the catalogue of the Brown University Library. 1843.—Catalogus Universitatis Brunensis. 1873.—Catalogue of Brown University. 1876-77 and 1877-78.
- The Lieut.-Governor of Ceylon.—Addresses delivered in the Legislative Council of Ceylon by Governors of the Colony. 1833-77. 2 vols.
- University College, London.—Calendar. Session 1877-78.
- A. P. Paton, Esq., Glasgow.—Shakespeare, The tragedy of Macbeth. With notes.
- South Kensington Museum.—Catalogue of loan collection of scientific apparatus. Third edition. 1876.—Catalogue of ship models and marine engineering.
- William Y. Turner, M.D.—Report of the Intercolonial Exhibition of 1870 at Sydney, New South Wales.—Krefft, Mammals of Australia.
- Rev. John Murdoch, LL.D.—The Indian student's manual.—Renderings of important Scripture terms in the principal languages of India.
- Earl of Glasgow.—Catalogue of books and manuscripts which belonged to the late Alexander Sinclair, Esq.
- India Office.—Census of the Bombay Presidency, 1872. Part IV.—Census of British Burma, 1872. Report.—The Indian Antiquary. Parts 65-75.—Lindsay, Report on the Mysore general census. 1871. With Supplement.—Hunter, Statistical account of Bengal. Vols. VI-XX.
- Royal Observatory, Greenwich.—Airy, Report on the telescopic observations of the transit of Venus. 1874.—Tennant, Report on the transit of Venus, as seen at Roorkee, December, 1874.—Astronomical and Magnetical and meteorological observations. 1875.



- David Murray, Esq., M.A.—International general average.  
 Royal Geological Society of Ireland.—Journal. N. S. Vol. IV. Parts 3, 4.  
 Medical Board of Victoria.—The medical register for the year 1877.  
 University of Melbourne.—Calendar. 1876-77.  
 Registrar General for Scotland.—Monthly returns of births, deaths, and marriages. 1877.—Quarterly returns. Nos. 89-92. With Supplement.  
 Registrar General for Ireland.—Weekly returns of births and deaths in Dublin. 1877.  
 Physical Society of London.—Proceedings. Vol. II. Part 3.  
 Royal Society of Edinburgh.—Proceedings. Session 1876-77.—Transactions. Vol. XXVIII. Part 1. 1876-77.  
 Society of Antiquaries of Scotland.—Proceedings. Vol. XII. Part 1.  
 Queen's University and College, Kingston, Canada.—Calendar. 1877-78.  
 Perthshire Society of Natural Science.—The Scottish Naturalist. Nos. 26-28.  
 Clinical Society of London.—Transactions. X. 1877.  
 University College, London.—Calendar. 1877-78.  
 Cape of Good Hope Royal Observatory.—Results of Astronomical Observations. 1874.  
 Episcopal Church in Scotland.—First annual report of the Representative Church Council. 1877.  
 Admiralty.—Navy (health).—Statistical report for the year 1876.  
 Army Medical Department.—Report. Vols. XVII, XVIII. 1875-76.  
 Association for promoting Secondary Education in Scotland.—Second annual report. 1877.  
 Trustees of the Public Library, Museums, and National Gallery of Victoria.—Report for the year 1875.  
 Government Statist, Victoria.—Statistical register of the Colony. 1876. Parts 1-6.—Statistics of Friendly Societies. 1875.—Australian statistics for the year 1876.—Victorian Year-book. 1876-77.  
 University of Harvard.—Fifty-first annual report of the President. 1875-76.  
 Royal Observatory, Edinburgh.—Astronomical observations. Vol. XIV, 1870-77.  
 Lord Lindsay.—Dun Echt Observatory publications. Vol. II. 1877.  
 Professor Macleod, M.D.—The four apostles of surgery. 1877.  
 Professor Ferguson.—Bibliographia Paracelsica. 1877.  
 Professor Blackburn.—Whiston, Praelectiones physico-mathematicae Cantabrigiae. 1710.—Nature. Vols. IV-XVI, in numbers.  
 Königl. Freistadt Pest.—Publicationen des statistischen Bureaus. VI, VII, VIII.  
 Glasgow Town Council.—Account of the proceedings at the inspection of Belvidere hospital.—Report on the Methods of disposing of sewage adopted in various town of England. 1878.  
 Royal Society of New South Wales.—Robinson, The progress and resources of New South Wales.—Russell, The climate of New South Wales.—Journal and proceedings. Vol. X. 1876.—Report of the Council of Education upon the condition of the Public Schools. 1876.  
 J. C. Roy, Esq., M.B., Rough notes on osteology.  
 International Medical Congress, Philadelphia.—Transactions. 1876.  
 Professor Buchanan, M.D.—Clinical lecture on the radical cure of hernia.  
 M. Jules Oppert.—La chronologie de la Genèse.  
 Society of the Middle Temple.—Supplement to the Catalogue of the Library. 1877.

- J. Cleland Burns, Esq.—Cleland, History of the High School of Glasgow. Continued by Muir. 1878.
- James Mitchell, Esq., LL.D.—Annals of Wellington Street U. P. Church, Glasgow. 1877.
- Professor Dickson, D.D.—Hunterian Club publications. Nos. 33-40. 1874-5.—Periodicals per Dr. Dickson.—The Academy. Nos. 244-295.—British Quarterly Review. Nos. 129-132.—Church Quarterly Review. Nos. 2-9.—International Review. Vol. IV.—London Quarterly Review. Nos. 94-97.
- Acts of Parliament. 1877. Public, Local, and Private.
- University of Coimbra.—Annuario. 1877-78.
- University of Bombay.—Calendar for the year 1877-78.
- Pharmaceutical Society.—Calendar for the year 1877.—Journal. Nos. 353-400.—Catalogue of the Collections in the Museum of the Pharmaceutical Society. 1878.
- Anderson's College, Glasgow.—Calendar for the year 1877-78.
- Messrs. Dawson Brothers, Montreal.—The Canadian Naturalist. N. S. Vol. VIII. Nos. 4, 6.
- Chemical Society.—Journal. Nos. 172-181.
- Journals of the House of Lords. 1876.
- Journal of the House of Commons. 1876.

### *DIVINITY HALL LIBRARY.*

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the Senate of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

### *HUNTERIAN MUSEUM.*

This Museum, one of the most interesting possessions of the Senate, was founded by the eminent William Hunter, M.D., who was born in 1718 at Long Calderwood, in the Parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archæological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at page 21. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of

which is galleried. The collections are now re-arranged, so that literary and scientific students have it in their power to consult books or specimens. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a week before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. A list of the donations during the past year will be placed in the entrance porch.

The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends once during the session.

During the past year the Museum has received a very valuable addition to its collections from Dr. Allen Thomson, who, on retiring from his chair, made over to the Museum a large and important series of specimens of Natural History, including a classified series of crania.

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### BOTANIC GARDEN.

A piece of ground adjoining the College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A Lecture-room, in which the Professor of Botany delivered an annual Course of Lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to a greater distance from the College, so that the Professor, whilst he continued to give in it the practical portions of the course (*Demonstrations*), of late years found it more convenient to deliver his *Lectures* at the College:

and even now, although the College itself has been removed westward, so as to be comparatively near the Garden, yet the greatly superior class-room accommodation in College, and the convenience of the students who have other classes to attend, still render it desirable, if not absolutely necessary, that the Lectures be delivered there.

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#### IV.—GRADUATION IN THE SEVERAL FACULTIES.

##### EXAMINERS FOR DEGREES.

###### DEGREE IN ARTS.

The Examiners for the Degree of Master of Arts, without Honours, are the Professors whose classes are embraced in the prescribed course of study, and in addition, Three Persons, not being Professors or Assistant-Professors in any Scottish University, appointed by the University Court, and in the appointment of whom regard is had to their eminence in Classical Literature, Mental Philosophy, and Mathematical Science.

The Examiners appointed by the University Court are appointed for a term of three years, but the appointment of any Examiner, during the currency of his term of office, to a Professorship or Assistant-Professorship in any Scottish University, is held to vacate his office of Examiner; and in the event of a vacancy in the office of an Examiner occurring otherwise than by the expiration of his term of office, the Examiner appointed by the University Court, in his room, is appointed for the remainder of such term only.

No person who has been appointed to the office of Examiner for the period of Three years, is eligible for re-appointment to the office of Examiner in the same University, until he has ceased to hold the office of Examiner in such University for not less than one year.

The Examiners for Graduation with Honours are the same Professors and additional Examiners as for Graduation without Honours; in the examination of candidates for Honours in the Department of Natural Science, there are added the Professors of Natural History, Chemistry, and Botany; and the University Court may, if they think fit, appoint an additional Examiner, skilled in Natural Science, not being a Professor or Assistant-Professor in any Scottish University.

No person is appointed an Examiner who is not a member of the General Council of one or other of the *Scottish Universities*.

## DEGREES IN SCIENCE.

The Examiners for Degrees in Science in those subjects not included in the curriculum for M.A., are the Professors in the several departments.

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## DEGREES IN MEDICINE.

The Medical Examiners for Graduation in Medicine are the Professors in the Faculty of Medicine (including the Professor of Natural History), and, in addition, not fewer than six persons, appointed by the University Court, who are selected from among the Fellows of the three following bodies, namely : the Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow, or persons otherwise fully qualified in the judgment of the University Court.

The examinations in extra-professional education are conducted by some of the Examiners in Arts (who may be Professors), together with some of the Medical Examiners.

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## DEGREES IN LAW.

The Examiners for the Degree of Bachelor of Laws are the Professors in the Faculty of Law and three additional Examiners appointed by the University Court, who are Professors in the Faculty of Law in a Scottish University, or who have obtained the Degree of Bachelor of Laws in accordance with the provisions of Ordinance of the Universities Commissioners, No. 75.

The Examiners for the Degree of Bachelor of Law are the Professors in the Faculty of Law, together with two additional Examiners appointed by the University Court from among Graduates in Law of any of the Universities of Scotland. Each of such additional Examiners holds office for the term of three years.

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## DEGREE IN DIVINITY.

The Examiners for the Degree of Bachelor of Divinity are the Members of the Divinity Faculty.

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*REGULATIONS FOR GRANTING DEGREES.*

## I.—GRADUATION IN ARTS.

I. The Course of Study necessary for the Degree of Master of Arts extends over four Winter Sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and



Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, and Natural Philosophy respectively, and also attendance on a course of English Literature; but any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, is admitted to such higher class or classes, without having previously attended the first or junior class or classes in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.\*

The attention of students about to pursue the course of study for the Degree of Master of Arts is called to the following regulations, adopted by the Senate, which will apply to students commencing in Session 1875-76 (or thereafter) the course of study for the Degree:—

1. Attendance on the qualifying course of Natural Philosophy for the Degree of M.A. shall be subsequent to the completion of the qualifying course of Mathematics.

2. Two sessions of the lowest class of Humanity, or Greek, or Mathematics, do not constitute two sessions of one of these classes, within the meaning of ordinance No. 14.

3. A student found qualified at the preliminary examination to attend the senior class of Humanity, or Greek, or Mathematics, must attend such senior class in order to qualify for the degree without more than one session's attendance on such class.

It is strongly recommended that students prepare themselves to attend the upper division of the junior class of Mathematics in the first or second session of their course of study for the Degree.

4. In session 1879-80, and thereafter, to qualify for the Arts Degree, the Logic Class and the Moral Philosophy Class must be attended in separate sessions, the Logic Class being taken first.

II. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

III. Any student who has completed the required attendance on the Latin and Greek classes, may be examined on those subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic and Moral Philosophy, and course of English Literature, may be examined on these subjects at any examination

\* For the details of this Preliminary Examination, see p. 86.

for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and also, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

IV. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a Degree, offer themselves for a farther examination, with a view to Graduation with Honours; provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours; but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts.\* Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill health, or other sufficient cause.†

V. There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination, viz.:—(1) Classical Literature; (2) Mental Philosophy,

\* The above change in the ordinance regulating the examination for Graduation with Honours was approved by Her Majesty in Council, June 4th, 1870. By minute of Senate, of date Nov. 27, 1873, with reference to this change in the ordinance, a student is allowed to go in for honours in any department, whether or not he has completed his curriculum, provided that he has sufficiently attended the classes in the department in which he offers himself; but no certificate of passing with Honours is given till the Degree is conferred.

† By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

including Logic, Metaphysics, and Moral Philosophy; (3) Mathematics, including pure Mathematics and Natural Philosophy; and (4) Natural Science, including Botany, Geology, Zoology, and Chemistry.

VI. In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class; but in the department of Natural Science there is one class of Honours only; and the names of the candidates entitled to honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

VII. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other *Scottish* University, to complete his course of study, and proceed to the Degree of M.A. in this University: provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University: Provided also, that no student shall be admitted to a Degree in this University, unless he has given attendance in this University during the last two sessions of his course.

VIII. The Degree of Master of Arts is in no case conferred, except on persons who have complied with the conditions hereinbefore set forth, and is in no case conferred *honoris causâ tantum*.

IX. Every student who, previous to the commencement of session 1861-62, had completed a part of his course with a view to graduation in Arts, under regulations in force at the time, and who shall hereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Master of Arts without complying with the present regulations, so far as they relate to the course of study for that Degree, provided he pass the examination or examinations required by the present regulations.

X. Each candidate for the Degree of Master of Arts is required to pay a Fee of One Guinea in respect of each of the three departments of the examination for Graduation without Honours; each such Fee of One Guinea being payable at the time at which the candidate comes forward to be examined in that department in respect of which it is payable; and no further Fee than the sum of Three Guineas is payable by any candidate in respect of examination for, or admission to, the said Degree, whether with or without Honours.

XI. The examinations for the Degree of Master of Arts are held in April and November (in 1878-9, commencing November 2nd and April 12th); and the graduation takes place in the beginning of May, and in November. Applications for examination must be lodged with the Assistant Clerk of Senate on 1st October, 1878, and 10th March, 1879. The subjects of examinations are set forth in the accompanying table.

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.  
The Examination. Questions prescribed in April, 1878, in the several Departments and Subjects will be found towards the end of the Calendar.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	<p><i>For November, 1878.</i> VIRGIL, <i>Æneid</i>, Book XII. HORACE, <i>Odes</i>, Books I, IV. LIVY, Book I. With Translations from English into Latin, and Questions on Grammar, History, and Antiquities.* Moderate Proficiency in Latin Prose Composition is required. <i>For April and November, 1879.</i> VIRGIL, <i>Æneid</i>, Book VIII. HORACE, <i>Odes</i>, Book, IV; <i>Epistles</i>, Book I. LIVY, Book I. With Translations and Questions as above.</p>	<p>VIRGIL, the whole. HORACE, the whole. And any one of the three following: (1.) LUCRETIVS, four Books. (2.) JUVENAL, the whole, with the exception of Satires II, VI, IX. (3.) CATULLUS. CICERO, the <i>Philippic Orations</i>, or any other Orations or Epistles making up an aggregate of equal length. LIVY, any five consecutive books. TACITUS, <i>Annals</i>, Books I-VI. With Latin Composition, History, and Antiquities, &amp;c. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please. <i>November, 1878: April and November, 1879.</i> HOMER, <i>Odyssey</i>, Books I-XII. Any two of the following: (1.) AESCHYLUS, <i>Agamemnon</i> and <i>Eumenides</i>. (2.) SOPHOCLES, <i>Oedipus Tyrannus</i>, <i>Oedipus Coloneus</i>. (3.) EURIPIDES, <i>Phoenissae</i>, <i>Iphigenia in Aulide</i>. THUCYDIDES, Books III, IV, V, VI. Either— (1.) PLATO, any two of the following Dialogues: <i>Phaedo</i>, <i>Protagoras</i>, <i>Gorgias</i>, <i>Theaetetus</i>: Or— (2.) ARISTOTLE, <i>Politics</i>, Books IV, V, VI (as numbered in Bekker's text). Greek Composition. Questions in Greek Grammar, Literature, History, and Antiquities. Candidates will be required to show a thorough acquaintance with the subject matter, as well as with the text, of the Books. Candidates for Second Class Honours only may profess an amount equivalent to at least one-half of each of the authors, Greek or Latin, prescribed above.</p>
GREEK	<p><i>November, 1878.</i> HOMER, <i>Iliad</i> or <i>Odyssey</i>; any continuous portion of not less than 750 lines. SOPHOCLES, <i>Ajax</i>. HERODOTUS, Book VII. Questions on Greek Grammar, Literature, History, and Antiquities. <i>April and November, 1879.</i> HOMER, as above. SOPHOCLES, <i>Electra</i>. HERODOTUS, Book VI. Questions as above.</p>	

\* Notice. — Candidates must bear in mind that a knowledge of the Historical Books they profess is as indispensable as a knowledge of the text.



IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LOGIC	The Professor's Lectures, and Whately's Logic, Books 2 and 3.	<p>In addition, Formal Logic (Sir W. Hamilton's Lectures [on Logic, and Thomson's Outline of the Laws of Thought]; Inductive Logic (Mill's Logic, Books III and IV, Whewell's Novum Organum Renovatum); Psychology and Metaphysics—the systems of Descartes, Locke, Berkeley, Hume, Reid, Kant, Hamilton, and Hegel. Ancient Philosophy, the Theaetetus of Plato.</p>
MORAL PHILOSOPHY	The subjects discussed in the Professor's Lectures; see page 43.	<p>Candidates for Honours will be examined on the History of Ancient and Modern Philosophy, as well as on Moral and Political Philosophy. They are required to show accurate knowledge of the following books:—(1.) Plato's Republic; (2.) Aristotle's Ethics, and Sidgwick's Method of Ethics; (3.) Kant's Critiques of Pure and Practical Reason. They are also recommended to study such works as Spinoza's Ethics, Hegel, as translated and illustrated by Dr. Stirling and Mr. Wallace, Maine's Ancient Law, Green's Hume, Bradley's Ethical Studies; but they will not be specially examined on these books.</p>
ENGLISH LITERATURE	Lectures of the Professor.	
NATURAL PHILOSOPHY	<p>Examination on the Subjects explained in the Class. On the Elements of Statics and Dynamics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Heat, Electricity, and Magnetism; Herschel's Astronomy, or Lardner and Donkin's Astronomy; Thomson's Lecture on Navigation; Thomson's Elements of Dynamics, Part I; Thomson and Tait's Outlines of Dynamics.</p>	<p><i>Second Class.</i>—Thomson and Tait's Elementary Treatise on Natural Philosophy; Portions of Maxwell or Balfour Stewart on Heat; Donkin on Sound; Central Forces.</p> <p>The subject of special course on Mathematical Physics for session of attendance.</p> <p>Portions of Tait's Thermo-dynamics, or of Thomson's Electrical Papers to be professed.</p> <p><i>First Class.</i>—In addition, Portions of Thomson and Tait's Natural Philosophy (large work) to be professed; also, either Fourier's Théorie Analytique de la Chaleur, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids.</p> <p>For undulatory Theory of Light, Jamin, Cours de Phys., Vol. III, Part II, and Airy recommended.</p>



MATHEMATICS	<p>Euclid, First Six Books. Algebra, including the Elements of Determinants and Quadratic Equations. Plane Trigonometry, as far as the Solution of Triangles by the aid of Logarithmic tables.</p>	<p><i>Second Class.</i>—In addition, Euclid XI, 1 to 21; Plane and elements of Spherical Trigonometry; Analytical Geometry, and Differential and Integral Calculus so far as treated in the Senior Mathematical Class. <i>First Class.</i>—In addition, Solid Geometry, Differential and Integral Calculus, and Differential Equations.</p>
BOTANY		<p>Organography, Physiology, and British Natural Orders. Henfrey,—Masters' edition.</p>
CHEMISTRY		<p>General Principles. Physical Chemistry. The Non-Metallic and more important Metallic Elements and their Compounds. In Organic Chemistry, Classification, and the main characteristics of the Fatty and Aromatic Series. Text-Books recommended—Miller's Elements, 3 vols. ; Roscoe's Treatise ; Schorlemmer's Carbon Compounds.</p>
GEOLOGY		<p>Green's Geology, vol. I., with Lyell's Student's Manual ; Dana's Manual of Geology ; Young's Physical Geography.</p>
ZOOLOGY		<p>Huxley's Manuals of the Invertebrata and Vertebrata. Macalister's Animal Morphology. Mivart's Comparative Anatomy.</p>

*N.B.*—Candidates may be examined in the last four subjects by the aid of Specimens.

## PRELIMINARY EXAMINATIONS IN ARTS.

The subjects of the Preliminary Examinations in the different departments are as follows :—

*Latin and Greek.*

Easy passages to translate from Latin and Greek Authors.  
Translation from English into Latin.  
Simple Questions in Grammar and History.

*Mathematics.*

First Six Books of Euclid.  
Plane Trigonometry.  
Algebra, including Quadratic Equations.

[The Preliminary Examination in Latin, Greek, and Mathematics will be combined with the Examination for the Competition Bursaries.]

The attention of students is called specially to the following points:—

1. The Preliminary Examinations are in every case voluntary.
2. No student can offer himself for a Preliminary Examination except when entering the University for the first time.
3. A student who passes the Preliminary Examinations in Greek and Latin, may complete the course of study required for the Degree of Master of Arts in three sessions.
4. A student who passes the Preliminary Examination, in one or more departments, is entitled to enter the senior class or classes in the department or departments in which he passes, and may qualify himself for Graduation in Arts by attending such senior class or classes for one session, without attending the junior class or classes in the department or departments in which he passes.

Names of candidates to be given in to the Assistant Clerk of Senate not later than October 31st.

At the Preliminary Examination held in November, 1877, the following candidates passed:—

IN LATIN.—Alexander Anderson (Dumbarton Burgh Academy); James M. Black (Albany Academy, Glasgow, and Merchiston Castle, Edinburgh); Duncan Blair (High School, Glasgow); Robert Bruce (Dumbarton Burgh Academy); Charles E. Collier (Park School, Glasgow); John Cochrane ( ); John L. Davies (North London Collegiate School, London); Wm. S. Dykes (Ayr Academy); James Fleming (Glasgow Academy); William J. Guthrie (Glasgow Academy); George G. Henderson (Mr. Sutherland's School, Hillhead); William Huntly (Glasgow High School); James W. Inglis (Glasgow Academy); John W. Jack (Crosshill

Public School, Strathblane); John Lee (Fettes College, Edinburgh); James D. Macdonald (Kilmalcolm Public School and Paisley Grammar School); Alexander Macgilp (Ardrishaig F.C. School, Rothesay Academy, and Glasgow Academy); Thomas M'Glashan (Monzievaird Public School, and Morrison's Academy, Crieff); John A. M'Kay (Rothesay Academy and Edinburgh Academy); Peter M'Kenna (Girvan Parish and Public Schools, and Dumbarton Burgh Academy); Harry C. Miller (High School, Glasgow); William F. Paton (Glasgow Academy); Henry Rutherford (Park School, Glasgow); Thomas F. Shaw (Cambridge House School, Birmingham, and Greenhill School, Tenby); Charles Steele (Ayr Academy); James A. G. Stirling (Ayr Academy); Cecil J. Swan (Greenock Academy); John E. Thomson (Dumbarton Burgh Academy); John Wallace (Springhill Academy, Queen's Park, Glasgow); James R. Watson (Parkhead Sess. School, Dennistoun Academy, and High School, Glasgow); James Weir (Crossford School, and Glasgow High School); Matthew White (Whiteinch School, and High School, Glasgow); James Wilson (Mousewald Parish School); Daniel L. Young (Glasgow Academy).

IN GREEK.—Alexander Anderson; James M. Black; Duncan Blair; Charles E. Collier; William S. Dykes; James Fleming; John Fleming (Glasgow Academy); Wm. J. Guthrie; Wm. Huntly; James W. Inglis; John Lee; Henry Rutherford; Charles Steele; Cecil J. Swan; James Weir; Daniel L. Young.

IN MATHEMATICS.—Alex. B. Dobbie (Desmond Bank Academy, High School, and Andersonian Institution, Glasgow); James Fleming; John Fleming; Charles D. Gairdner (Nassau School, Barnes, Surrey); Wm. J. Guthrie; Wm. Huntly; James W. Inglis; John Lee; Peter M'Kenna; Roderic C. M'Rae (Dalhousie College, Halifax, Nova Scotia); Alexander Russell (High School, Glasgow); Charles Steele; Cecil J. Swan; James Weir.

## 2.—GRADUATION IN SCIENCE.

### *Bachelor of Science.*

The Senate, with the approval of the University Court, have instituted the Degree of Bachelor of Science, with three alternative courses of study. The courses of study in the several departments are as follows:—

A. IN BIOLOGICAL SCIENCE—Any four of these five:

1. Chemistry.
2. Anatomy.
3. Physiology.
4. Zoology (including Comparative Anatomy).
5. Botany.

And any four of the classes in the Arts Curriculum.\*

\* *i.e.*, Attendance for one session on any four of the following seven classes—viz., Latin, Greek, Logic, Moral Philosophy, English Literature, Mathematics, Natural Philosophy.

## B. IN GEOLOGICAL SCIENCE :

1. Geology.
2. Chemistry.
3. Zoology (including Comparative Anatomy).
4. Natural Philosophy.

And any four of the classes in the Arts Curriculum: provided always that, in the event of a student taking Geodesy in conjunction with any University class of not less than twenty-five lectures, he shall be allowed to dispense with one of the Arts classes.

## C. IN ENGINEERING SCIENCE :

1. Mathematics (1 or 2 sessions).
2. Natural Philosophy (1 or 2).
3. Inorganic Chemistry (1).
4. Geology (1).
5. Civil Engineering (2).

And any two of the classes in the Arts Curriculum except Mathematics and Natural Philosophy: provided always that, in the event of a student taking Geodesy in conjunction with the Practical course in Civil Engineering, or any other University class of not less than twenty-five lectures, he shall be allowed to dispense with one of the Arts classes.

*The following are the General Regulations for the Degree of Bachelor of Science.*

1. The examinations in those subjects which are taken from the Curriculum of Arts shall be the same, and subject to the same regulations, as the examination in those subjects for the Degree of M.A.

2. No student shall present himself for examination in any subject without having attended a class on that subject in a University; but students may present themselves for examination in any one or more of the subjects so soon as they have attended the requisite classes. No student shall be admitted to a Degree in Science unless he shall have given attendance in this University during the last two sessions of his course, nor unless he has attended the half at least of his course in this University.

3. No special certificate shall be given to students who have passed examinations in subjects for the Degree in Science, but a certified list of successful candidates shall be published after each examination, and shall be copied into a book kept for the purpose

by the Assistant-Clerk of Senate. Both copies of the list shall be signed by the examiners.

4. The fee for the Degree in Science shall be £3, 3s., it being provided that if any candidate shall present himself for examination in the different subjects at different periods, he shall pay £1, 1s. in each session in which he is examined, till he has paid £3, 3s.

5. Students who commenced their course for a certificate in Engineering Science before session 1871-72, may be granted a Degree on Examination in all the appointed subjects, without attendance on any class but those requisite for the Certificate in Engineering Science.

6. Examinations for the Degree of M.A. will not be held as available for the Degree of B.Sc., unless passed by the student as a candidate for that Degree; but examinations for the Degree of M.A. passed previously to 1st January, 1874, will be accepted for the Degree of B.Sc., on the candidate paying the fees for examination for that degree, over and above any fees he may have paid as a candidate for the Degree of M.A.

7. Honours in the subjects taken from the Faculty of Arts shall be given to graduates in science only on the same curriculum and examination as to graduates in Arts.

A. In session 1878-9 the subjects of examination in the department of Biological Science shall be as follows:—

*In Chemistry.*—General principles of Organic Chemistry; classification of organic substances, and Chemistry of Blood, Bile, and Urine.

*In Anatomy.*—A knowledge of Descriptive Anatomy and Histology, more especially the Skeleton, Muscles, Viscera, and Nervous Centres of the Human Subject.

*In Physiology.*—A general knowledge of the subject as treated, *e. g.*, in M'Kendrick's Outlines of Physiology, and special knowledge of some part of the subject to be announced from time to time in the Calendar. The special subject for next year to be the functions of Digestion, Circulation, Respiration, and general functions of nervous structures.

*In Zoology and Comparative Anatomy.*—A general knowledge of the principles of Zoological Classification, with a more detailed knowledge of certain parts of the subject to be announced from time to time. The special subjects for next year to be—the Nervous System as a guide to classification; the Carnivorous Mammals and the Lamellibranchiate Molluscs.



*In Botany.*—Morphology, (Organography), Physiology, and Systematic Botany; the last restricted to the general principles of classification, and to British Natural Orders. The candidate may be asked to describe plants set before him, and refer them to their proper places in the Vegetable Kingdom. (Text-book recommended, Hensley's Elementary Course of Botany, Masters' Edition.)

B. The subjects of examination in the department of Geological science shall be as follows :—

*In Geology.*—Lithology and Stratigraphy; Palæontology, and the conditions on which climatal changes depend. As special subjects for next year :—The features of the earth's surface and their origin ; the composition and origin of Coal and Ironstone ; Marine Currents ; the Phenomena of the Glacial Epoch. (For text-books, see p. 85.)

*In Chemistry.*—The fundamental principles of the Science ; the Chemistry of Rock formations and Mineralogy.

*In Zoology.*—Principles of Classification, and a more detailed knowledge of certain parts of the subject, to be announced from time to time. The special subjects for next year to be—Climatal influence on the distribution of animals ; the structure and affinities of the Brachiopods.

*In Natural Philosophy.*—Students will be required to show proficiency equal to that which is required for the Degree of M.A. The Departmental Certificate in Mathematics for the degree of M.A. frees the candidate from this part of the examination, but he must pay the additional fee.

C. The subjects in the Department of Engineering Science shall be as follows :—

*In Mathematics.*—The Subjects of the Senior Mathematical Class.

*In Natural Philosophy.*—Thomson and Tait's Elementary Treatise on Natural Philosophy ; portions of Maxwell or Balfour Stewart on Heat ; Central Forces. Candidates may profess higher subjects.

*In Chemistry.*—The fundamental principles of the Science ; the Chemistry of Iron, Copper, Lead, Tin, and Zinc ; of building materials ; of water and atmospheric air.

*In Geology.*—Lithology, Stratigraphy ; Coal Mining, and Geological Surveying. (For Text-book, see p. 85.)

*In Civil Engineering.*—The subjects mentioned in the Calendar at pp. 48 and 49, for the two courses of the Professor of Engineering.

*In Geodesy.*—Theory of Geodesical Instruments ; Methods of determining Local Time ; Longitudes, Latitudes and Azimuths ; Measurement of Base Lines ; Principles of Triangulation ; Measurement of Arcs of the Meridian.

The Engineering Examinations for the Degree of B.Sc. in Engineering Science may commence on or after the 24th March in each year.

The examination in the subjects for the Degree of B.Sc. admitting of it, shall be both practical and oral as well as in writing.

### 3.—GRADUATION IN MEDICINE.

Three Medical Degrees are conferred by this University, viz. : —Bachelor of Medicine (M.B.) ; Master in Surgery (C.M.) ; and Doctor of Medicine (M.D.) ; all of which are recognized by the Medical Act as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

The Degree of Bachelor of Medicine may be obtained by Candidates of the age of 21 years who have complied with the regulations as to Education and Examination. The Degree of Master in Surgery is only conferred upon those who at the same time obtain the Bachelorship of Medicine ; and the Degree of Doctor of Medicine may be conferred on Candidates of not less than 24 years of age who have obtained the Bachelorship two or more years previously, and have fulfilled certain conditions to be afterwards mentioned (p. 98).

Persons who began their professional studies prior to 1st October, 1861, will, on becoming Candidates for Graduation, be examined in accordance with the regulations in force at the time of the commencement of their Medical studies.

The following rules and directions apply more immediately to the Bachelorship of Medicine, which must precede either of the other Degrees :—

A.—EXAMINATION OF MEDICAL STUDENTS IN GENERAL EDUCATION  
AND REGISTRATION BY THE MEDICAL COUNCIL.

The Candidate for the Bachelorship of Medicine must have been registered in the books of the General Medical Council at least four years prior to the date of his graduation. In order to be so registered he must transmit to Dr. Inglis, the Scottish Branch Registrar, 33 Albany Street, Edinburgh, together with a printed form of application, (which may be obtained from Mr. Moir, the Assistant-Clerk of Senate,) a certificate of having passed a satisfactory Preliminary Examination in English, Latin, Arithmetic, the Elements of Mathematics, and the Elements of Mechanics.

The possession of a Degree in Arts, not being an Honorary Degree, exempts from Examination in General Education, provided that it has been conferred by a British University, or by such foreign and Colonial Universities as shall have been recognized by the General Medical Council.

The Examination in General Education may be passed either in this University or at any University or Board of which the examinations are recognized by the General Medical Council as entitling to registration. But while a Certificate of having passed any recognized Preliminary Examination entitles to registration in the books of the General Medical Council, the University only accepts these Examinations *pro tanto*, and exacts examination in every case on such subjects required by the regulations of the University as are not embraced in the certificates presented from other Examining Boards, or which, though included therein, are not of similar extent to the same subjects as prescribed by the University. In such cases this Examination required by the University must be passed by the Candidates before admission to their First Professional Examination.

This registration in the books of the Medical Council, which is imperative on Candidates for any legal qualification to practise whatsoever, is quite distinct from Matriculation or other registration of students in the books of the University.

In addition to the above mentioned Preliminary Examination, Candidates for the Bachelorship are required to undergo, previous to their First Professional Examination (and, it is recommended, as far as possible previous to the commencement of professional study), an examination in two of the following subjects, to be selected by the Candidate, viz., Greek, French, German, Higher Mathematics, Natural Philosophy, Natural History (Geology or Zoology), Logic, Moral Philosophy. Candidates are further advised to appear at as early a period as possible, for examination on the subjects enjoined in Part III, p. 94.

The first duty, then, of those intending to enter the Medical profession, is to prepare themselves for the Preliminary Examination in General Education, and, unless in exceptional circumstances of great proficiency in the subjects of that examination, students are recommended not to enter upon professional study before the age of 17 years: the minimum professional curriculum of four years will thus occupy the period till the age of 21 years, the earliest at which any legal qualification to practise can be obtained.

The following is a more detailed notice of the subjects of Examination in General Education referred to above:—

**I. First, or Preliminary Part,**—The candidate must pass in all the subjects of this division before Registration with the Branch Registrar of the Medical Council—

- A 1. **ENGLISH.**—Writing correctly a passage to dictation. Composition of a short Essay on a given theme. Questions on Grammar. Text-book—Morell's English Grammar.
- B 2. **LATIN.**—Translation of passages from the Fourth Book of the *Æneid* of Virgil, and Sallust de Bello Jugurthino, Chap. I.—L. Translation of passages from works not prescribed, and of English passages into Latin,—the principal Latin words being supplied. Questions on Grammar and construction.
- C 3. **ARITHMETIC.**—The Common Rules, including Vulgar and Decimal Fractions.
- C 4. **ELEMENTS OF MATHEMATICS.**—The first three Books of Euclid. Algebra as far as Simple Equations.
- D 5. **ELEMENTS OF MECHANICS.**—Questions, for which Bottomley's Dynamics (Collins' Series) may serve as Text-book.

**II. Second Part,**—The candidate must pass in at least two of the following subjects, to be selected by himself, before he can be admitted to the First Professional Examination for the Bachelorship:—

- E 1. **GREEK.**—Cyropædia of Xenophon, Book II, and the Gospel according to St. John. Translation of passages from works not prescribed, and of English passages into Greek—the principal Greek words being supplied. Questions on Grammar.
2. **FRENCH.**—Corneille's *Le Cid*. Translation and exercises as in the Latin and Greek.
3. **GERMAN.**—Lessing's *Laocoon*. Translation and exercises as in the other languages.
- C 4. **HIGHER MATHEMATICS.**—Euclid, Books I to VI; Algebra, including Quadratic Equations, and the Rudiments of Trigonometry.

- D 5. NATURAL PHILOSOPHY.—Such a knowledge of the principles of Natural Philosophy as may be obtained from Bottomley's Handbook (Collins), and Balfour Stewart's Elementary Lessons in Physics.
- G 6. NATURAL HISTORY.—Geology or Zoology. Text-books—Green, Lyell, Dana; Nicholson, A. Wilson.
- F 7. LOGIC.—Whately's Logic, Books II and III (Edition 1850).
- F 8. MORAL PHILOSOPHY.—The general principles as stated in Dugald Stewart on the Active Powers, or Dr. Fleming's Manual.

A certificate of having passed, at the Examinations for the Degree of M.A. or B.Sc., in English, Latin, Mathematics, Natural Philosophy, Greek, Logic, Moral Philosophy, or Natural History, will be accepted instead of examination in the subjects marked A, B, C, D, E, F, G respectively.

III. **Third Part**,—The Candidate for the Degree of M.D., if not a graduate in Arts, must, before or at the time of obtaining the Degree of M.B., or within three years thereafter, have passed an Examination in three of the subjects enumerated above in II. Second Part, of which one must be Greek, another either Logic or Moral Philosophy, and the third is left to the option of the Candidate.

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#### B.—PROFESSIONAL EDUCATION.

1. *Duration and Constitution of the Curriculum*.—The professional curriculum is of four years' duration; the medical session of each year or *Annus Medicus* being constituted by attendance on two Courses of not less than 100 Lectures, or on one such course with two three months' courses of not less than 50 Lectures each. But in the case of the clinical courses it is sufficient that the lectures be given twice a week during the prescribed period. Of this curriculum, if not passed wholly at the University of Glasgow, two years must be constituted by attendance on courses at a University entitled to grant degrees in Medicine; and one of these years at least must be at the University of Glasgow. If the remaining years are not passed at a recognized University, attendance during at least six winter months on the Medical and Surgical Practice of a General Hospital which accommodates not fewer than 80 patients, with a Course of Practical Anatomy during the same period, may be reckoned one *Annus Medicus*; while another may be constituted by attendance for the requisite period on the lectures of Teachers of Medicine in the Hospital Schools of London, or in the School of the



College of Surgeons, Dublin, or of such private teachers as may be recognized by the University Court with the consent of the Chancellor of the University. But attendance on lectures by such teachers is not recognized to the extent of more than four of the departments of Medical Study required for the curriculum and enumerated below.

Candidates who avail themselves of the permission to attend the lectures of private teachers recognized for the purpose, and who are not at the time matriculated students of the University, must, at the commencement of the year of such attendance, enrol their names in a book kept by the University for that purpose, and pay a fee of one half the amount of the matriculation fee paid by students of the University; but they are not thereby entitled to any of the privileges of matriculated students of the University. Further, those who attend the lectures of such recognized private teachers, must, if the courses are held in a University town, pay to such teachers the same fees as are paid in the University of such town.

2. *Required Courses of Instruction.*—Candidates must produce certificates of having attended courses of instruction in the following departments of Medicine, in the manner specified—

ANATOMY, CHEMISTRY, INSTITUTES OF MEDICINE or PHYSIOLOGY, MATERIA MEDICA and PHARMACY, SURGERY, PRACTICE OF MEDICINE,

MIDWIFERY and DISEASES OF WOMEN and CHILDREN.\*

Each of the above in a course of not less than 100 lectures.

BOTANY, ZOOLOGY (with COMPARATIVE ANATOMY), FORENSIC MEDICINE.

Each of the above in a course of not less than 50 lectures.

GENERAL PATHOLOGY, in a course of not less than 100 lectures; or in schools where there is no such course, PATHOLOGICAL ANATOMY, in a three months' course of lectures, with a supplemental course either of Practice of Medicine or of Clinical Medicine.

CLINICAL SURGERY, CLINICAL MEDICINE.

Each in a six months' course or in 2 three months' courses.

PRACTICAL ANATOMY, during six months.

PRACTICAL CHEMISTRY, during three months.

PRACTICAL PHARMACY,† during three months; consisting in Com-

\* Two courses of Midwifery, of fifty lectures each, are reckoned equivalent to one course of one hundred lectures, provided they embrace different departments of Obstetric Medicine.

† Students are recommended to take the class of Pharmacology and Practical Pharmacy, in the summer before their attendance on the course of Materia Medica.

pounding and Dispensing Drugs in the Laboratory of an Hospital, or Dispensary of a Registered Medical Practitioner, or of a Member of the Pharmaceutical Society of Great Britain.

HOSPITAL PRACTICE, SURGICAL AND MEDICAL; consisting in attendance during two years at a recognized General Hospital accommodating not fewer than eighty Patients.

OUT-DOOR PRACTICE, during six months, at an Hospital or Dispensary, or with a Registered Medical Practitioner.

PRACTICAL MIDWIFERY; consisting in attendance during three months, at an Obstetric Hospital, or attendance on at least six cases of labour, certified by a Registered Medical Practitioner.

VACCINATION—The candidate must produce a certificate from a recognized Vaccination department in an Hospital, Dispensary, or other public institution, that he has performed the operation successfully under the teacher's supervision; that he is familiar with the different stages of the vaccine vesicle, and with the mode of preserving lymph, and is generally well instructed in the subject.

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#### C.—PROFESSIONAL EXAMINATIONS.

By an order of Her Majesty in Council, dated 13th August, 1877, the following are the arrangements for Professional Examinations:—

1. Every candidate for the Degrees of Bachelor of Medicine and Master in Surgery shall be examined both in writing and *viva voce*, First, on Chemistry, Botany, and Natural History; Second, on Anatomy and Physiology; Third, on Regional Anatomy, Materia Medica and Pharmacy, and Pathology; and Fourth, on Surgery, Clinical Surgery, Medicine, Clinical Medicine, Therapeutics, Midwifery, and Medical Jurisprudence. The Examination in Chemistry shall include Practical Chemistry; and the Examinations in Anatomy and Physiology shall include Practical Anatomy, Histology, and Practical Physiology; and the Examination in Surgery shall include Operative Surgery.
2. Students may appear for examination in the first of the foregoing divisions of subjects who have completed their attendance on the required courses during one winter and two summer sessions, or during one summer and two winter sessions.

3. Students who have passed the first examination may appear for examination in the second division of subjects after having completed their attendance on the requisite courses (including those of the subjects of examination), and after the lapse of two winter and three summer sessions, or of three winter and two summer sessions, from the time of the commencement of their studies.
4. Students who have passed the two previous examinations may appear for examination in the third division of subjects at any of the terms fixed for examination by the Senate, after the conclusion of the third winter's session of attendance upon Medical Classes (including those of the required subjects).
5. Students who have passed the examinations in the subjects of the three previous divisions may appear for examination in the subjects of the fourth division at the first term for the final examination after the conclusion of their Curriculum of study.

In addition, the following regulations will be observed :—

1. The examinations will be conducted in writing, orally, and practically.
2. Candidates must produce certificates of satisfactory attendance on the courses belonging to each division before presenting themselves for these examinations, and no candidate is allowed to present himself for the Second, Third or Fourth examination without having passed the immediately preceding examination.
3. Previous to appearing for the final examination the candidate must produce a certificate that he is 21 years of age, or will be so on or before the day of his graduation.
4. At the professional examinations, candidates will be examined "orally" in the alphabetical order of their surnames.
5. Candidates who shall, on examination, be found unqualified, cannot be again admitted to examination until they shall have completed another year of study, or such portion of a year as may be fixed by the examiners.

It will be observed that all students who commence their professional studies in summer, may be admitted to the *first* professional examination before beginning the *second* winter session, whilst those who begin in winter cannot be admitted till the *end* of the *second* winter session. As it is a manifest advantage to pass the first professional examination on Chemistry, Botany, and Natural History, before beginning the second winter session, students are strongly recommended to begin their studies in summer.

The examinations are conducted by the Professors of the Faculty of Medicine, together with the other Examiners appointed by the University Court. The present non-professorial Examiners are Dr. Robert Scott Orr, Dr. W. H. Allchin, Dr. John Brunton, Dr. Robert Perry, Dr. James Wallace, Dr. Andrew Wilson, and Dr. H. S. Wilson.

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#### D.—DEGREE OF DOCTOR OF MEDICINE.

The Degree of Doctor of Medicine may be conferred on any candidate who shall produce evidence : *a*, that he is of not less than 24 years of age ; *b*, that he has obtained the Bachelorship two or more years previously ; *c*, that he possesses a Degree in Arts, or has, in addition to the Preliminary Examination in General Education required for the Bachelorship, also passed before obtaining the Bachelorship, or within three years thereafter, an examination in Greek, and Logic or Moral Philosophy, together with any one of the other optional subjects included in the Second Part of the subjects of General Education ; *d*, that he has been engaged in professional study or avocation for two years after having obtained the Bachelorship. He must also lodge an Inaugural Dissertation, certified by him to have been composed by himself, on any subject included in the branches of knowledge embraced in the professional curriculum. Theses for the degree of M.D. must be lodged with Mr. Moir, the Assistant-Clerk of Senate, on or before 20th March, 20th June, or 20th October. No Thesis will be approved unless it gives evidence of original observation, or, if it deals with the researches of others, gives a full statement of the literature of the question with accurate references and critical investigation of the views or facts cited ; mere compilations will in no case be accepted.

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#### E.—REGULATIONS FOR OBTAINING A QUALIFICATION IN PUBLIC HEALTH.

A special Examination will be held once in every year in subjects relating to Public Health, and will commence on the second Tuesday in April. This Examination will consist of two divisions, and candidates shall have the option of entering for one or both of these, provided that no candidate shall be admitted to examination in the second division who has not already passed the first. All candidates for this qualification must be Registered Medical Practitioners.

Candidates must produce evidence that, either during their Medical studies or subsequently, they have attended a Course of Lectures in which special instruction was given on Public Health, and that they have attended a Course of Analytical Chemistry specially bearing upon the subjects of examination, the teachers in both of these departments being recognized by the University Court. Candidates who have not passed an *Annus Medicus* in the University of Glasgow must, before presenting themselves for examination, have attended as Matriculated Students in this University at least two Courses of instruction, scientific or professional, bearing on the subjects of the examinations. The examinations shall be written, oral, and practical.

The fee for each division of this examination shall be Four Guineas. No candidate shall be admitted to examination unless he shall have given notice of his intention to the Assistant-Clerk of Senate, and paid the required fee, at least One Calendar Month previous to the examination.

If, after payment of the fee, a candidate withdraws his name, or fails to present himself at the examination, or fails to pass it, the fee shall not be returned to him, but he shall be allowed to enter for any *one* subsequent examination in subjects relating to Public Health without the payment of an additional fee.

For further information candidates may apply to PROFESSOR SIMPSON, University of Glasgow.

The examination for the qualification in Public Health shall embrace the following subjects:—

1ST DIVISION.—*Physics*—Pneumatics, Hydrostatics, Hydraulics. *Chemistry*—Analysis of Air, Water, and Food. *Meteorology*—Climate, Topographical and Seasonal; its influences in relation to Health and Disease. *Geographical Distribution of Diseases*.

2ND DIVISION.—*State Medicine*—Duties of Health Officer, Ventilation. Food and its Adulterations. Water and Water Supply. Sewerage and Drainage. Construction of Hospitals, Public Buildings, and Dwellings. Overcrowding. Manufactories. Insalubrious Trades. Cemeteries. Nuisances. Quarantine. Disinfectants and Deodorizers. Outbreaks of Zymotic Diseases. *Sanitary Law*—Knowledge of leading Sanitary Acts of Parliament. *Vital Statistics*.

The following are recommended as books for study:—

E. Parkes, *Practical Hygiene*; George Wilson, *Handbook of Hygiene*; A. H. Hassall, *On Food and its Adulterations*; Lardner and Loewy, *Hydrostatics and Pneumatics*.

N.B.—A Course of Lectures on Public Health, will be delivered in this University during each Winter Session. For particulars apply to PROFESSOR SIMPSON, University of Glasgow.



## F.—EXAMINATION TERMS, GRADUATION FEES, ETC.

The examinations in General Education take place twice yearly, viz., in October and March. The examinations for Session 1878-9 will be held on Wednesday, Thursday, and Friday, 9th, 10th, and 11th October, 1878, and Thursday, Friday, and Saturday, 27th, 28th, and 29th March, 1879. Those who intend to present themselves for either of these examinations are required to send in their names to Mr. Moir, the Assistant-Clerk of Senate, on or before the 27th September or the 18th of March. A fee of 10s. must be paid on entering their names by those who are not matriculated students—which fee will be returned on matriculation within the year.

The Professional Examinations are held at the following terms, viz.: The First in October (15th October, 1878) and April (4th April, 1879); the Second in October (16th October, 1878), and April (5th April, 1879); the Third in October, 1878, and the Fourth in July, 1878 and 1879. Before being admitted to Examination, the candidate must lodge with the Assistant-Clerk of Senate, at the appointed time (1st July, 27th September, or 14th March), a statement, properly filled up in a printed Schedule with which he will be furnished, of his course of study, such as may be required for each division of examination, and the necessary certificates or other documents, together with the fees.

The terms for conferring Medical and Surgical Degrees are 1st May, 1st August, and second last Thursday of November.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath, or *Sponsio Academica*, formerly required to be taken and subscribed by every Candidate on Graduation:—

I do solemnly and sincerely declare that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

The Fees for Degrees are as follows:—

1. For the Degree of M.B., £15, 15s., of which £5, 5s., is to be paid before each division of the Examinations.

2. For the Degree of C.M. (in addition to the fees paid for M.B.)  
£5, 5s.
3. For the Degree of M.D., £15, 8s. (including the sum of  
£10, 3s. for Government Stamp).

*Abstract of Regulations for conferring Degrees in Medicine in force previous to 1st October, 1861, and in accordance with which Candidates who commenced their Course of Study previous to that date may still graduate.*

I. Candidates for the Degree of Doctor of Medicine, who commenced their Medical Course before October, 1861, must produce written evidence of the following qualifications:—

1. A Certificate of moral character signed by two respectable persons, and evidence that they have attained the age of twenty-one years.
2. That their course of professional study has extended over a period of not less than four years or winter sessions at a University which confers Medical Degrees, or at one of the Established Schools of London or Dublin; and that one at least of the four years or sessions has been passed at the University of Glasgow.
3. That in each of the four years or sessions the Candidates have attended not less than two Courses of Lectures of six months' duration; and in case of their passing only one year at the University of Glasgow, that they have attended three such Courses of Lectures there.
4. That they have regularly attended, for at least one Session, each of the following Courses of Lectures and Instruction, viz.:—

ANATOMY, . . . . .	Six Months.
CHEMISTRY, . . . . .	"
INSTITUTES OF MEDICINE, . . . . .	"
BOTANY, . . . . .	Three Months.
MATERIA MEDICA AND PHARMACY, . . . . .	Six Months.
SURGERY, . . . . .	"
PRACTICE OF MEDICINE, . . . . .	"
MIDWIFERY, . . . . .	"
FORENSIC MEDICINE, . . . . .	Three Months.
ANATOMICAL DISSECTIONS, . . . . .	Six Months.
PRACTICAL CHEMISTRY, . . . . .	Three Months.
GENERAL HOSPITAL, WITH CLINICAL INSTRUCTION, Two Years, of not less than Nine Months each, or Eighteen Months.	

## II. The following are the Regulations respecting Examinations.

1. The Examinations are conducted partly orally and partly in writing, on all the subjects included in the Curriculum, and consist of the following parts, viz. : 1st, An Examination as to proficiency in the Latin language : 2nd, The Professional Examination in two parts ; the first comprehending the subjects of Anatomy, Chemistry, Physiology, and Botany ; the second comprehending Practice of Medicine, Surgery, Materia Medica and Pharmacy, Midwifery, and Forensic Medicine.\*

Each Candidate must, before his final Professional Examination, lodge with the Assistant Clerk of Senate an Inaugural Dissertation composed by himself on some professional or allied topic.

2. Candidates may undergo the Examination as to proficiency in Latin at the usual terms in any of the years in their Medical studies. They may also undergo the first part of the Professional Examination at any term after the completion of the second year of their studies, provided they shall have previously attended the Courses of Lectures on the four prescribed subjects.

III. The Regulations for the Degree of Master in Surgery are in all respects similar to those for the Degree of Doctor of Medicine, with the exception that the examinations include a fuller reference to Practical Surgery.

The Fee for the Degree of M.D. is £25, 3s. Of this sum the Candidate is required to deposit £10, 3s. with the Assistant Clerk of Senate, on the first day of July, which sum will be returned in the event of his not passing his trials. No deposit is required from those who undergo only the first part of the Examination. The remaining sum of £15 must be paid not less than a week before the day on which the Degrees are conferred.

The Fee for the Degree of Master in Surgery is £10, 10s., to be deposited before Examination.

#### 4.—BACHELOR OF LAWS (LL.B.) AND BACHELOR OF LAW (B.L.)

The conditions on which the Degree of LL.B. is now conferred are regulated by ordinance of the Universities Commissioners, No. 75, the principal provisions of which are the following :—

I. No one shall hereafter be admitted as a candidate for the Degree, unless he be a Graduate in Arts of a recognized University.

\* The Examinations are held simultaneously with the corresponding Examinations for the Degree of Bachelor of Medicine.

II. The Course of Study in Law necessary for the Degree of Bachelor of Laws shall extend over three Academical Years, and shall include attendance on a distinct course in each of the six following departments, viz. :—

- |  |   |   |
|--|---|---|
| 1. CIVIL LAW, . . . . .                      | } | During Courses of not less than Eighty Lectures each. |
| 2. LAW OF SCOTLAND, . . . . .                |   |   |
| 3. CONVEYANCING, . . . . .                   |   |   |
| 4. PUBLIC LAW,* . . . . .                    |   |   |
| 5. CONSTITUTIONAL LAW AND HISTORY, . . . . . | } | During Courses of not less than Forty Lectures each.  |
| 6. MEDICAL JURISPRUDENCE, . . . . .          |   |   |

III. No one shall be admitted as a candidate for this Degree in any University, unless two at least of the three Academical Years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

VI. The Examiners for Degrees in Law in each University shall be six in number, and there shall always be one Examiner specially qualified for each one of the six departments above specified; and where the Professors of the Faculty of Law in any University do not furnish the requisite number of Examiners duly qualified, the number shall be made up by the appointment of additional Examiners by the University Court; provided always that no person shall be appointed an additional Examiner in any University, unless he be a professor in the Faculty of Law in a *Scottish* University, or shall have obtained the Degree of Bachelor of Laws, in accordance with the provisions of this ordinance.

\*

#### PUBLIC LAW.

A Lectureship on Public Law has been instituted by the University.

#### Lecturer.

1878. WILLIAM GALBRAITH MILLER, M.A., LL.B.

A course of Lectures qualifying for degrees in Law, and for the Bar, will be delivered during session 1878-79. The Lectures will embrace the following branches :—

1. PHILOSOPHY OF LAW, or Abstract Jurisprudence. *Books recommended*—Lorimer's Institutes of Law; Ahrens' Cours de Droit Naturel.
2. HISTORY OF INTERNATIONAL LAW. *Books recommended*—Maine's Ancient Law; Wheaton's History of the Law of Nations.
3. PUBLIC INTERNATIONAL LAW. *Text-book*—The Law of Nations, by Sir Travers Twiss.
4. PRIVATE INTERNATIONAL LAW. *Text-book*—The eighth volume of Savigny's System, translated by Guthrie.

The class will meet twice a week during the winter session. The days and hour of meeting will be fixed at the beginning of the session.

The class fee is £3, 3s.

VII. Each Candidate for the Degree of Bachelor of Laws shall pay a Fee of Five Guineas in respect of his examination for the Degree.

The following Regulations for the Degree of Bachelor of Law (B.L.) were sanctioned by Her Majesty, by order in Council, dated 6th August, 1874.

VIII. Besides the Degree in Law specified in the said ordinance, there shall in future be in the University of Glasgow a second Degree in Law granted after examination, namely, the Degree of Bachelor of Law (B.L.)

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law in the University of Glasgow, unless he be a Graduate in Arts, qualified as prescribed in section I (*supra*), or unless he shall have passed a satisfactory examination in Latin and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. : (a) Greek, with the alternative of French or German, (b) Logic, (c) Moral Philosophy, (d) Mathematics, (e) Natural Philosophy, and (f) English Literature ; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners.

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in section II, in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section : Provided always, that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or, in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a candidate for the said Degree, unless two academical years of his course of study in law shall have been in the University of Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XI. The Examiners for the Degree of B.L. in the University of Glasgow shall be the Professors of the Faculty of Law, together with two additional Examiners appointed by the University



Court from among Graduates in Law of any of the Universities of Scotland, provided always, that, for six years after the approval of this alteration on the ordinance by Her Majesty in Council, any one shall be eligible as Examiner who is a Member of the General Council of any of the Universities of Scotland. Each of such additional Examiners shall hold office for the term of three years.

XII. The Fee to be paid by each candidate for the Degree of Bachelor of Law in the University of Glasgow shall be Three Guineas.

XIII. Any candidate, who, before the approval of the present alteration by Her Majesty in Council, may, with a view to Graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said Degree.

Examinations in Law will take place annually in July.

The degree of LL.B. is accepted by the Faculty of Advocates as sufficient evidence of qualification in law for admission to the Bar, and also by the Court of Session for admission as a Law Agent. By the Law Agents Act, 36 and 37 Vic., c. 63, the holder of a degree in Law (including both LL.B. and B.L.), or of a degree in Arts, is qualified to apply for admission as a Law Agent after an apprenticeship of three years instead of five, as required in the ordinary case.

The examinations for LL.B. and B.L. in Session 1878-9, will embrace the following books and subjects, viz. :—

*In Civil Law.*—Justinian's Institutes, with Sandars' Introduction and Notes.

*In the Law of Scotland.*—Bell's Principles of the Law of Scotland.

*In Conveyancing.*—The Completion of titles to Heritable and Personal Estate.

*In Public Law.*—(1) History and Philosophy of Law ; (2) Public International Law ; (3) Private International Law. Authorities recommended—Maine's Ancient Law ; Ahrens' Cours de Droit Naturel, or Lorimer's Institutes of Law ; The Law of Nations, by Sir Travers Twiss ; and the Eighth Volume of Savigny's System.

*In Constitutional Law and History.*—(1) History of the Constitution ; (2) Existing Constitutional Law. Authorities recommended—Hallam's Constitutional History of England ; Stephen's Commentaries (Ed. 1874), Book IV, Part I.

*In Medical Jurisprudence.*—Concealment of Pregnancy ; Infanticide ; Rape ; Personal Identity ; Wounds ; Survivorship ; Mental Unsoundness. (Text-book, Guy's Principles of Forensic Medicine.)

*In Moral Philosophy.*—The subjects of examination for the Degree of M.A.

*In Political Economy.*—The General Principles of Political Economy, and the 2nd Book of Mill's Political Economy.

*In French and German.*—The subjects prescribed for the Preliminary Examination of Medical Students, p. 93.

The Examination in the Arts subjects under section IX. will be the same as that for the Degree of M.A.

#### 5.—BACHELOR OF DIVINITY.

This Degree, having been revived in the University by authority of the University Court and Senatus Academicus, is conferred at the close of each session on such qualified candidates as shall satisfy the Members of the Divinity Faculty of their proficiency in the several departments of Divinity, Church History, Hebrew, and Biblical Criticism : the examinations in Hebrew and Biblical Criticism to be held in November (15th and 16th November, 1878) ; those in Divinity and Church History, in April (18th and 19th April, 1879).

The Scheme of Examinations for Session 1878-9 is as follows :—

1. *Divinity*—Natural Theology, Idea of Religion and of Revelation, Inspiration of Scripture, Doctrine of the Trinity, Doctrine of Sin, Biblical Theology—The Pauline Doctrine of Justification.

The following Books may be consulted :

The Burnett Prize Essays, by Thompson and Tulloch ; M'Cosh's "Method of the Divine Government," and "Nature and the Supernatural" ; Martensen's Christian Dogmatics (translated in Clark's Theological Library) ; Oosterzee's Christian Dogmatics ; Müller on Sin ; Lee on Inspiration ; Thomson's (Archbishop) Bampton Lecture on the Atoning Work of Christ ; Weiss, *Biblische Theologie des Neuen Testamentes* ; Schmid's Biblical Theology ; Reuss, *History of Christian Theology in the Apostolic Age*. Pfeleiderer, *Paulinism*.

2. *Church History*—The Church of Scotland in the Sixteenth Century.

The following are among the Books which may be consulted :—

Works of John Knox, especially his *History of the Reformation in Scotland* ; Calderwood's *History of the Kirk of Scotland* (Wodrow Society) ; Dunlop's *Confessions* ; Robertson, Tytler, and Burton's *Histories of Scotland* ; M'Crie's *Lives of John Knox and Andrew Melville* ; Grub's *Ecclesiastical History of Scotland* ; Cunningham's

Church History of Scotland, Vol. I; Lorimer's Patrick Hamilton.

3. *Hebrew*.—Isaiah, ch. xl—lxvi; authorship, translation, and analysis. A passage of Biblical Prose to be pointed. Simple English sentences to be rendered into Hebrew.
4. *Biblical Criticism*.—(1) Introduction to the Gospel according to Luke. (2) Exegesis of Luke viii, 4—xviii, 14, with critical comparison of the parallel passages in Matthew. (3) The Principles of Textual Criticism.

Books which may be consulted :—

- (1) The relative Commentaries of Godet, Meyer, De Wette, or Alford; Bleek's *Synoptische Erklärung der drei ersten Evangelien*. (2) Davidson's *Biblical Criticism*; Tregelles' *Treatise in Horne's Introduction*, vol. IV; Scrivener's *Plain Introduction to the Criticism of the New Testament*.

All Masters of Arts, of any Scottish University, who have studied at this University during at least two sessions, and "who have gone through a due course of Theological training whether in this University or in any other Theological School in Scotland or England," may become candidates for the Degree.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their Course in Arts, may present themselves for examination in Hebrew and Biblical Criticism.

Candidates must make application by letter to the Professor of Divinity not later than November 1st or April 1st respectively, accompanying their letter with a statement of their course of study as students of Divinity, and with the necessary certificates.

The Fee for the Degree is £3, 3s.

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#### 6.—DOCTOR OF DIVINITY.

This degree is now conferred in accordance with the following Regulations, which were adopted by the Senate, April 28th, 1869 :—

I. A Bachelor of Divinity of this University of fifteen years' standing may proceed to the Degree of D.D. after performance of the following exercises to the approval of the Senate :—

1. He shall compose a Thesis on a Theological subject approved by the Professor of Divinity, and shall deposit with the Clerk of Senate thirty printed copies of the Thesis.
2. He shall preach a University Sermon in a place and at a time to be appointed by the Vice-Chancellor and the Professor of Divinity. The Sermon may be preached at any time after he is a B.D. of five years' standing.

II. A Bachelor of Divinity of this University of eight years' standing may proceed to the Degree of D.D. by passing a higher examination in two of the Departments of the Theological curriculum, the Senate determining on the Report of the Examiners whether the Degree of D.D. shall be conferred. The Senate may dispense with this examination in the case of a Bachelor of Divinity of whom the Theological Faculty shall report that he has published a work of merit in Theological Science.

III. A Graduate in Arts or Member of the General Council, who completed his theological course before the revival of the Degree of B.D., may proceed to the Degree of D.D. in the same way as a B.D. of eight years' standing under Regulation II, or as a B.D. of fifteen years' standing under Regulation I, his standing being reckoned from the completion of his theological course.

IV. The University dues for the Degree of D.D. shall be, as heretofore, Twenty Pounds; under deduction of the dues previously paid on examination for the Degrees of M.A. and B.D.

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#### 7.—HONORARY DEGREES.

The following resolutions regulating the procedure of the Senate in conferring honorary degrees were agreed to, April 27, 1867 :—

1. At the commencement of every Session a Committee shall be appointed, to be called the "Committee on the Degrees of D.D. and LL.D.," consisting of the Principal, two Professors from the Faculty of Theology, two from the Faculty of Arts, one from the Faculty of Law, and one from the Faculty of Medicine.

2. It shall be the duty of this Committee, after proper inquiry, to submit to the Senate the names of such persons as shall appear to the Committee duly qualified to obtain, or specially entitled to receive the Degree of D.D. or LL.D.

3. All proposals or suggestions as to conferring these Degrees shall accordingly be referred to this Committee.

4. In recommending any person to the Senate for such a Degree, the Committee shall present in writing a statement of the grounds on which the recommendation is founded, and shall report more especially as to the following points :—

(a) Whether the person recommended has studied at this or any other University, whether he already holds any Academical Degree, and if not, whether he has had an opportunity of taking either the Degree of M.A. or that of B.D.

(b) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.

(c) Whether he holds any ecclesiastical, civil, or educational office—how long he has done so—and with what success he has discharged its duties.

(d) And, in general, whether his character and position in society will warrant the conferring of the proposed distinction.

5. That no resolution to confer any Degree shall be moved in the Senate, until one month shall have elapsed after the presenting of the Committee's recommendation.

*Proposals or suggestions as to these Degrees are brought before the Senate at the first meeting in November and the first meeting in March.*

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#### ACADEMIC DRESS.

##### GRADUATES OF THE UNIVERSITY.

On ceremonial occasions the Graduates are expected to appear in the Gown and Hood proper to their Degrees.

The ordinary Gowns to be worn by Graduates of the University of Glasgow are of black silk or stuff, of similar shapes to those appropriated to the corresponding degrees in the other British Universities.\*

The Hoods for the different Degrees are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).

M.A., Black Silk, lined with Red Purple Silk.

B.Sc., Black Silk, lined with Gold coloured Silk (colour of Whin Blossom—*Ulex Europæa*).

D.Sc., Black Velvet, lined with Gold coloured Silk.

B.L., Black Silk, bordered inside with Venetian Red Silk (colour of Clove Carnations).

LL.B., Black Silk, lined with Venetian Red Silk.

LL.D., Black Velvet, lined with Venetian Red Silk.

M.B. and C.M., Black Cloth, lined with Scarlet Silk.

M.D. Black Silk, lined with Scarlet Silk.

B.D., Black Silk, bordered with Black Velvet, lined with Red Purple Silk.

D.D., Black Velvet, lined with Black Silk, or (if the Graduate be Master of Arts) with Red Purple Silk.

##### UNDER-GRADUATES.

By a Statute of the Commissioners appointed by the Act 1690, chapter XVII, of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting

\* The Robemakers to the University, Messrs. Dawson & MacNicol, have standard patterns of the gowns, which, it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.



of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to Academic Dress; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the Academical Dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that students in Arts are required to wear the gown on public occasions, and in their classes, unless for a reason satisfactory to the Professor of the class.

The Senate further require that, in future, all candidates for Graduation in Arts shall appear in their gowns at the examinations and at the Ceremony of Graduation.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the Red Gown.

The propriety of wearing an Academical Cap along with the Gown having been brought under the notice of the Senate by a memorial from the students, the following resolution was adopted, April 25th, 1871 :—

"The Senate, fully recognizing the propriety of a suitable Academic Cap being worn along with the Gown, recommend that the Trencher Cap be so worn, but desire that it be not worn without the Gown."\*

#### CEREMONY OF GRADUATION.

The following are the regulations adopted by the Senate :—

All Degrees, honorary or gained by examination, shall be publicly conferred, except in special cases, to be decided by the Senate.

Candidates for Graduation in Arts are required to appear in students' red gowns; candidates for Graduation in other faculties, in black gowns; those who are already Graduates, in the costume proper to their previous degree.

\* Messrs. Dawson and MacNicol supply Caps. Gowns and Caps may be obtained from the Janitor at the University at the makers' prices.

## V—BURSARIES, SCHOLARSHIPS, &c., PRIZES.

N.B.—No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations.

### 1. BURSARIES.

NOTE.—Bursars in the Faculty of Arts are required to attend each session two at least of the classes embraced in the curriculum for M.A. Bursars in the Faculty of Theology are required to attend the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

In the case of Bursaries in the gift of the Senate, in appointing to which “a preference” is to be given to certain names, &c., by a “preference” the Senate understand, in every instance, a preference *cæteris paribus*.

### INDEX.

FOUNDATION.	No. of Bursar- ies.	FACULTY.	Approximate Annual Value of each.	Page in Calen- dar.
Adam, James, - - - - -	3	Arts,	£12	113
Adam, John, - - - - -	3	Theology,	£15	127
Adamson, - - - - -	1	Arts,	£20	113
Angus and Mearns Bene- volent Society, - - - }	2	Arts,	£15	113
Ardkinglass, - - - - -	1	Arts and Theology,	£9 10/	132
Armagh, - - - - -	3	Theol., Law, or Med.,	£25	135
Ayrshire Masonic, - - - -	1	Arts,	£25	113
Ayrshire Society, - - - -	3	Any Faculty,	£10	135
Baxter, - - - - -	1	Arts and Theology,	£8	133
Biggart Memorial, - - - -	10	Arts,	£25	114
Black, - - - - -	2	Arts,	£20	114
Black, - - - - -	2	Theology,	£40	128
Blackquarry School, - - - -	1	Arts,	£24	115
Boyd, - - - - -	2	Theology,	£11 & £5 10/	128
Brand, - - - - -	3	Arts,	£30	115
Brisbane, - - - - -	1	Medicine,	£50	130
Brown, - - - - -	1	Arts,	£5	115
Brown or Ettles, - - - - -	2	Theology,	£20	128
Brown (Saltcoats), - - - -	1	Arts,	£12	115
Browne (Ayrshire), - - - -	2	Arts,	£20	116
Buchanan, - - - - -	2	Arts,	£20	116
Buchanan (Bellfield), - - - -	2	Arts and Theology,	£60	133
Celtic Society (Campbell), -	1	Any Faculty,	£5	136
Clark, John (Mile-end), - -	16	Arts,	£30	117
Cowan, - - - - -	1	Arts,	£35	117
Craig, - - - - -	1	Arts,	£8 6/8	118
Crawfurd (or Bishop's), - -	1	Arts,	£16	118
Denny, - - - - -	4	Any Faculty,	£30	136
Dumfriesshire Society, - - -	2	Any Faculty,	£15	136
Duncan's Bute, - - - - -	2	Arts,	£40	118
Dundonald, - - - - -	8	Arts,	£40	119
Dundonald, - - - - -	6	Theology,	£41 2/6	128
Exchequer, - - - - -	3	Arts,	£10	133
Exchequer, - - - - -	3	Theology,	£13 6/8	133

FOUNDATION.	No. of Bursar- ies.	FACULTY.	Approximate Annual Value of each.	Page in Calen- dar.
Ferguson, James, - - - -	2 {	Theol., Law, Med., or Dept. of Eng. Science, }	£70	136
Forfar, - - - - -	4	Arts,	£20	119
Forrest, - - - - -	5	Any Faculty,	£22	157
Foundation, - - - - -	4	Arts,	£10	120
Fullarton of Overton, - -	5	Arts,	£10	120
Gibson, John, - - - - -	1	Any Faculty,	£40	138
Gilchrist, - - - - -	1	Arts,	£8	120
Gilhagie, - - - - -	1	Theology,	£6 6/	129
Hamilton, - - - - -	3	Arts,	£20	134
Hamilton, - - - - -	3	Theology,	£25	134
Hannay, - - - - -	3	Arts,	£15	121
Hastie, - - - - -	1	Arts,	£20	121
Hastie, - - - - -	2	Theology,	£20	129
Howison, - - - - -	1	Arts,	£9	121
Hyndford, - - - - -	1	Arts,	£6 13/4	121
Jaffrey, John Ferguson, -	1	Arts,	£33	122
Kerr, Malcolm, - - - - -	1	Arts (Nat. Phil.),	£20	122
Kerr, Malcolm, - - - - -	1	Med. (Chemistry),	£20	131
Kintyre, - - - - -	1	Any Faculty,	£20	138
Lamb, - - - - -	1	Arts or Theology,	£11	122
Leadbetter, - - - - -	1	Arts,	£9	123
Leighton, - - - - -	2	Arts and Theology,	£9	134
Library (Old), - - - - -	1	Theol., Law, or Med.,	£11 2/2½	134
Logan, - - - - -	1	Theology,	£15	129
Logan, - - - - -	1	Medicine,	£15	131
Lorimer, - - - - -	4	Arts, Theol., Med.,	£50	123
Lumsden, - - - - -	1	Theology,	£15	129
Lusk, - - - - -	1	Arts,	£36	123
Macfarlane, - - - - -	1	Medicine,	£40	131
MacGrouther, - - - - -	2	Arts,	£20	124
Maltmen, - - - - -	2	Any Faculty,	£25	138
Marshall, - - - - -	1	Theology,	£20	129
Marshall, - - - - -	1	Medicine,	£20	131
Metcalfe, - - - - -	4	Arts,	£25	124
Monteith, - - - - -	3	Arts,	£16	139
Notman, - - - - -	1	Theology,	£18	129
Orr-Ewing Dumbartonshire,	16	Arts,	£25	124
Patrick, - - - - -	2	Arts,	£80 and £40	125
Perthshire Society, - - -	1	Arts,	£25	126
Rainy, - - - - -	2	Medicine,	£20	131
Ross, - - - - -	1	Arts,	£25	126
Sanders, - - - - -	1	Theology,	£8 6/8	130
Scott, - - - - -	2	Arts,	£25	126
Smith, - - - - -	2	Any Faculty,	£9	139
Stewart (Bute), - - - -	2	Arts,	£32 10/ & £27 10/	126
Stirlingshire Society, - -	1	Arts,	£25	127
Struthers, - - - - -	1	Theology,	£13 6/8	130
Stuart, - - - - -	3	Arts,	£15	127
Taylor, - - - - -	2	Any Faculty,	£11	139
Walton, - - - - -	1	Medicine,	£36	132
Williams, - - - - -	7	Arts and Theology,	£40	134
Wilson, - - - - -	1	Theology,	£13 6/8	130

## A.—BURSARIES IN THE FACULTY OF ARTS.

**JAMES ADAM BURSARIES.**—Three in number, founded by the Rev. James Adam, Minister of Cumbrae, who died in 1830. They are appropriated to students in the gown classes, and tenable for four years. In appointing to one of the Bursaries, preference is given to the kindred of the founder, and in appointing to another to students of the name of Adam. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae. Value about £12 per annum each.

*Bursars*—\*David S. Adam, 1874 ; George M'Pherson, 1875 ; John Scott, 1876 (1875).

**ADAMSON BURSARY.**—Founded by the Rev. David Adamson, Minister of Fintry, in 1674, is appropriated to a student in Philosophy, son of a freeman in one of the Seven Incorporate Trades of Stirling. It is tenable for four years ; and the appointment is vested in the Convener Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500.

*Bursar*—Thomas Wilson, 1875.

**ANGUS AND MEARNS BENEVOLENT SOCIETY'S BURSARIES.**—Two in number, founded in 1860, by the Glasgow Angus and Mearns Benevolent Society. Value, £15 per annum each. They are tenable for four years in the Arts classes, and are open only to natives, or sons of natives, of the Counties of Forfar and Kincardine, who are desirous of obtaining a University education, but whose circumstances are such as to render them unable to accomplish it without the aid of a Bursary.

Applications to be made not later than 1st September in each year, to Mr. Stuart Spence, 49 Virginia Street, Glasgow.

*Bursar*—David Smith, 1875 ; William G. Duncan, 1876.

**AYRSHIRE MASONIC BURSARY.**—Founded in 1874. Fund raised by subscription among the different Masonic Lodges in Ayrshire. Open to the sons of Freemasons, members of an Ayrshire Masonic Lodge, and awarded by competition to a student of the first year. No candidate eligible who is not educated or resident in Ayrshire, or who is upwards of eighteen years of age. Tenable for four years or during Arts curriculum of Bursar, but not tenable along with another Bursary ; the Bursar to pass the Departmental Examinations for M.A. Value, interest of Mortified Fund, and annual subscriptions, not exceeding in all £25 a year.

Applications to be made to Mr. Robert Wylie, Provincial Grand Secretary, Mother Lodge, Kilwinning. (Vacant.)

\* Vacant through lapse of time.

**THE BIGGART MEMORIAL BURSARIES.**—Ten in number. Value £25 per annum each. Founded in 1876 by Mr. Thomas Biggart, of Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The Bursaries are open to competition at the Annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the degree of Master of Arts.

The Bursaries are tenable for four years, but the founder made provision that at the first competition (Nov., 1876) two Bursars should be appointed for one year only, three for two years only, two for three years only, and three for four years, all vacancies occurring thereafter to be filled up for four years.

The Bursary fund consists of the sum of £6,000, invested in real estate in Scotland, and the surplus revenue may be applied to prolong the tenure of any of the Bursars for a fifth year, or to the granting of additional Bursaries on the same conditions as are applicable to the others.

The Bursary is payable by equal moieties on the second day of February, and at the close of the Winter Session; and the Bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate, signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognised by that church as an accepted student pursuing his studies with a view to the ministry therein.

*Bursars*—\*J. S. Dunbar (2 years), 1876; \*Wm. Gray (2 years), 1876; \*A. Miller (2 years), 1876; James Brown (3 years), 1876; Frank Ashcroft (3 years), 1876; John M'Innes, (4 years), 1876; John Beveridge (4 years), 1876; John Henderson (4 years), 1876; John Gray, 1877; John Gray, 1877.

**BLACK BURSARIES.**—Founded by Mrs. Janet Black—widow of the Rev. William Black, D.D., minister of the Barony Parish, Glasgow—who died in 1876. Mrs. Black, by her settlement, made provision, *inter alia*, for the institution of two Bursaries in Arts each of the annual value of £20 or thereby. The Bursaries are open to competition to students entering on their first session in the University; and the Bursars are required to attend the qualifying courses for a Degree in Arts.

*Bursars*—James Weir, 1877; William Huntly, 1877.

\*Vacant through lapse of time.



**BLACKQUARRY SCHOOL BURSARY.**—Founded in 1876 by the Trustees of Blackquarry School, Port-Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the Institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value the annual income of a sum of £420.

*Bursar*—William J. Guthrie, 1877.

**BRAND BURSARIES.**—Mr. Robert Brand, son of the late Mr. Robert Brand, Coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of Students in the University, who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting with interest to the sum of £2,121, 7s. 5d., was paid by the trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £30 each, and are awarded by public competition to students entering their first or second session in the Faculty of Arts; the Bursars to graduate as M.A. at the end of their course.

*Bursars*—\*David Woodside, 1875 (3 years); James Rodger, 1875 (4 years); William M. Paton, 1876.

**BROWN BURSARY.**—Founded in 1697, by Colonel Brown of Maryland. Tenable for four years. Value £5 per annum. The Patrons are the Principal and Professors of the University, who now award it by competition.

*Bursar*—James Caddell, 1875.

**BROWN (SALTCOATS) BURSARY.**—Founded in 1872, by Mr. Matthew Brown of Braehead, Saltcoats, sole acting Trustee and Executor under the Trust Disposition and Settlement of his kinsman, Mr. William Brown, junior, of Parkhead, Saltcoats, who died 13th February, 1871, and in fulfilment of the intention of his said kinsman. Value, the yearly proceeds of a sum of £300 presented to Mr. William Brown at a public banquet held in

\* Vacant through lapse of time.

his honour, and which he had set apart to be applied for the foundation of a Bursary in connection with the University of Glasgow. Tenable for four years by a student in Arts. Preference is given in the first place to one who is either a native of the town of Saltcoats, or at the time a permanent resident in Saltcoats, provided he shall be found, on such examination as the Trustees may prescribe, properly qualified by his education for entering the University; whom failing, such a one, qualified as aforesaid, as has been by birth, residence, or relationship connected with Saltcoats; and failing such, then a student whom they shall find on public examination to be best qualified and most deserving of such nomination.

Patrons—Mr. Matthew Brown, Mr. Gavin Fullarton, of Kere-law, Stevenston, the Ministers of the parishes of Ardrossan and Stevenston, the Chairman of the Stevenston Parochial Board, the Senior Justice of the Peace, Saltcoats, the Principal of Glasgow University, and the heirs male of Mr. William Brown, junior. Applications to be made to Mr. James Campbell, Saltcoats.

*Bursar*—Robert Miller, 1875.

BROWNE (AYRSHIRE) BURSARIES.—Two in number, tenable for four years, and each of the annual value of about £20, founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the County of Ayr, who, for this purpose, and in memory of his brother, the late Dr. Alexander Browne, of Buenos Ayres, mortified to the University the sum of £1,000. The Bursaries are awarded by competition. Candidates must be natives of the County of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University.

*Bursars*—William W. Beveridge, 1875.; Peter M'Kenna, 1877.

BUCHANAN BURSARY.—Founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University, during the long period of forty years. It consists of the free annual interest and proceeds of a sum of £314, 8s., raised by subscription, and is now given in the form of prizes. (See under "Buchanan Prizes.")

BUCHANAN BURSARIES.—Founded by the late Robert Buchanan, LL.D., Ardfillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by codicils to his will, dated 26th December, 1871, and 26th March, 1872, in which as "a token or expression of his gratitude and respect to the University of Glasgow, with which as a student, or Professor, or Member of the University Court, he had been connected for the space of fifty years," he bequeaths the sum of £1,000 for the

purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that may appear to the Senatus best for the interests of the University. The Senate have resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session; the Bursars to be appointed by competitive examination among students of the first year.

*Bursars*—\* John G. A. Dow, 1876 (1875); Alexander Macgilp, 1877.

JOHN CLARK (MILE-END) BURSARIES.—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, Thread Manufacturer, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. The competition is to be in writing, and the Trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate. Four Bursaries on this foundation will be competed for in November, 1878.

*Bursars*—\* John W. Marshall, 1874; \* John Downie, 1874; \* Arthur Scott, 1874; James Dawson, 1875; David Smith, 1875; John W. Stewart, 1875; William C. Carrick, 1875; John S. M'Kenzie, 1876; Robert T. Younger, 1876; Patrick H. Hutcheson, 1876; James M. Dodds, 1876; James W. Inglis, 1877; John Lee, 1877; Charles Steele, 1877; James Fleming, 1877.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS.—See under "Scholarships."

COWAN BURSARIES (AYR ACADEMY).—These Bursaries were founded by the late David Cowan, Esq., of Auchendrane, who bequeathed to the Directors of Ayr Academy the sum of Two Thousand Pounds, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who shall have received their previous education, or part of it, at Ayr Academy. The Founder further

\* Vacant through lapse of time.

directed by his will that Candidates should undergo a Competitive Examination, and that the tenure of the Bursaries should be for two years. The Bursaries are two in number, of the annual value of £35 sterling each, and are open to all students of either the Fifth or the Sixth Class (Classical Section) in Ayr Academy who have attended that Institution for at least two sessions before the date of the competition. On a vacancy, intending candidates must send in their names and addresses to the Secretary on or before the fifteenth day of October; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University.

No student who has gained a Cowan Bursary shall hold along with it any other Bursary. Each holder of a Cowan Bursary shall, during his tenure thereof, give attendance each session in two or more of the classes in the Faculty of Arts, necessary for the Degree of M.A.; and previous to enrolling himself as a student in any of these classes, he shall, if required to do so, intimate to the Secretary of the Academy or to the Rector the particular course of study which he wishes to follow while holding the Bursary, that the same may be approved of by the Directors.

Further information will be afforded by the Secretary, Mr. W. F. M'Cubbin, Ayr.

*Bursar*—(At Glasgow University), William S. Dykes, 1877.

**CRAIG BURSARY.**—Founded by Mr. John Craig, Merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. Preference to kindred of Founder, and students of name of Craig. Value, £8, 6s. 8d. per annum. Appointment by the Merchants' House.

*Bursar*—John D. Douglas, 1875.

**CRAWFURD OR BISHOP'S BURSARY.**—Founded by Capt. Thos. Crawford, of Jordanhill, in 1576. Appropriated to a student in Languages. Tenable for four years. Value, a chaldar of meal per annum. The Patrons are the Principal and Professors of the University.

By ordinance of the Universities Commissioners, 7th June, 1862, this Bursary is placed upon the same footing as the Forfar Bursaries (for which see p. 119).

*Bursar*—William G. Duncan, 1877.

**DUNCAN'S BUTE BURSARIES.**—Founded in 1875, for the benefit of natives of the island of Bute, by Mr. James Duncan, of Valparaiso, and afterwards of Rothesay, who, by his will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the

Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The Examination is in the same subjects and at the same time as the Examination for the other competition Bursaries. There is a preference *cæteris paribus* to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality, the Bursary may be divided.

*Bursars*—Alexander Robertson, 1876; John A. Mackay, 1877.

**DUNDONALD BURSARIES.**—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity. The Philosophy Bursaries are tenable for four years; the Divinity Bursaries for two years.

The Bursars in Philosophy receive £40 each per annum, and those in Divinity, £41, 2s. 6d. The appointment is now vested in the Duke of Hamilton.

In 1858, the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy, and six in Divinity.

*Bursars in Philosophy*—\* John A. M. Macdonald, 1877 (1874); \* Alexander Duncan Macfarlane, 1874; † Alexander N. Cumming, 1875; James M'Meeken, 1875; Alexander H. Campbell, 1876; Alexander W. Hedderwick, 1876; John R. M'Iraith, 1876; Patrick E. Dove, 1877.

**FORFAR BURSARIES.**—Founded by the Countess of Forfar, in 1737, and foundation remodelled by the Universities Commissioners, by ordinance of 31st May, 1862. There are now four Forfar Bursaries in the gift of the Senate; the holder of each to receive £20, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance in the Faculty of Arts, and are tenable for four years;

\* Vacant through lapse of time.

† Vacant by appointment of Bursar to a Snell Exhibition.



subject to the condition that the Bursar shall pass the examinations required of students proceeding to the degree of M.A.

*Bursars*—Francis W. Clark, 1875 ; Alex. C. Watson, 1875 ; William S. M'Cormick, 1876 ; Duncan Brown, 1877.

**FOUNDATION BURSARIES.**—These Bursaries, four in number, were founded by James VI, in 1577, for students in Languages and Philosophy. The value of each is £10 per annum. The right of presentation belongs to the Senate. By ordinance of Universities Commissioners, of date 7th June, 1862, these Bursaries are put upon the same footing as the Forfar Bursaries (for which see above).

*Bursars*—\* John Edgar, 1874 ; Thomas Y. Bonar, 1875 ; Alexander M. Mitchell, 1877 (1876) ; John Fleming, 1877.

**FULLARTON OF OVERTON BURSARIES.**—By deed of mortification and constitution, dated 22nd December, 1877, the Executors of the late John Fullarton, Esq., of Overton, West Kilbride, Ayrshire, in pursuance of his trust disposition and settlement and codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604, 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10 but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers or shopkeepers, or otherwise who might be struggling to secure their better education, and are by themselves or with such assistance as they may be able to get from their parents or relations unable to provide for the expenses of a University education. The Bursaries are awarded by competitive examination in Latin, Elementary Mathematics, and English ; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. The estate is in the meantime burdened with annuities amounting to the sum of £40 sterling. (Two vacancies.)

**GILCHRIST BURSARY.**—Founded by Mr. John Gilchrist, in 1700, for a student in Philosophy, being the son of a tradesman freeman

\* Vacant through lapse of time.

in the burgh of Glasgow. Preference to names Gilchrist, Bryce, and Boyd. Value, £8 per annum. Appointment by the Trades' House.

*Bursar*—William Smith, 1875.

**HANNAY BURSARIES.**—Three in number, founded in 1865 by Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men not under fourteen, and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow and the President of the Faculty of Physicians and Surgeons in Glasgow, who now award the Bursary by competition. Applications to be made to Mr. Robert Brodie, 87 St. Vincent Street.

*Bursars*—\* John Gibson, 1875; Wm. Miller, 1876; William Butchart, 1877.

**HASTIE BURSARIES.**—In 1722, the Rev. Mr. Hastie founded a Bursary for a student in this University. By an addition since made to the foundation, the number of Bursaries is increased to three; two in Divinity, and one in Philosophy.

By ordinance of the Universities Commissioners, 31st May, 1862, there are three Bursaries on this foundation, each £20 in value; one in Arts, tenable on the same conditions as the Forfar; the other two in Theology, open to competition to all Masters of Arts of the first or second year in Divinity, and tenable for three years.

*Bursar in Philosophy.*—James R. Watson, 1877.

**HOWISON BURSARY.**—Founded in 1613, by the Rev. John Howison, of Cambuslang. The Bursar to be a qualified scholar of honest name and good report, son of a craftsman of Glasgow, whom failing, any other qualified scholar selected by the Patrons. Annual value £9. Appointment by the Trades' House. "The Bursar to pass his Course within the Collège."

*Bursar.*—Thomas J. Menzies, 1875.

**HYNDFORD BURSARY.**—Founded in 1617, by Mr. Michael Wilson, for a student in Philosophy. Tenable for four years. Value, £6, 13s. 4d. per annum. The right of presentation

\* Vacant through lapse of time.

belongs to the representative of Sir James Carmichael, who is at present Sir W. C. Anstruther, Bart., M.P.

*Bursar*—Peter Smith, 1876.

**THE JOHN FERGUSON JAFFREY BURSARY IN MENTAL PHILOSOPHY.**—This Bursary, founded in 1877, is of the annual value of £33, and is open for competition to students entering on their third session of attendance at the University.\* Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners are the Professors of English Literature, Logic, and Moral Philosophy. The Bursary is tenable for two years. The Bursar, immediately on gaining the Bursary, must enter one or more of the classes of English Literature, Logic, and Moral Philosophy; and he must complete attendance on those classes within two years of his tenure, so as to enable him to pass the examination for the certificate in the Department of Mental Philosophy. This certificate he is required to take. The Bursar will be required during his tenure to attend, besides the above classes, at least one of the Higher Classes in connection with the classes of Logic and Moral Philosophy. The subjects of examination in 1877-8 were—Whately's *Logic, Introduction and Analytical Outline*; Reid's *First Essay on the Intellectual Powers*; Spalding's *English Literature*, pp. 169-269; Milton's *Paradise Lost*, Book I.; Zeller's *Socrates and the Socratic Schools* (translated by Reichel), pp. 1-200.

*Bursar*—James Cappon, 1877.

**MALCOLM KERR BURSARIES.**—Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, Stationer in Glasgow. One of the Bursaries is in Natural Philosophy; the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A. with second class Honours; and in Chemistry, the same as those for M.A. with Honours in Natural Science.

*Bursars*—William O. Glassford, 1876, (Chemistry); Thomas Gray, 1877, (Natural Philosophy).

**LAMB BURSARY.**—Founded in 1863, by the late Rev. Dr. William Lamb, Minister of Carmichael, and appropriated to a

\* A student who, having passed the Preliminary Examination in Latin and Greek, has attended one session, ranks as a third year student.

student in Arts, or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael, and a preference given to any applicant in the parish of Kirkmichael or Pittenain, whom failing, one may be chosen from any other parish in the Presbytery of Lanark. Value about £11 per annum.

*Bursar*—George W. Tweddle, 1877.

**LEADBETTER BURSARY.**—Founded in 1855, by Mr. John Leadbetter, Merchant, Glasgow. It is £9 in value and tenable for four years; the Bursar attending Greek and Latin the first year; Logic and Mathematics the second year; Moral Philosophy and Mathematics the third year; and Natural Philosophy the fourth year. Preference to boys who have attended five years' Classical Course in the High School. Patrons—the Lord Provost and Magistrates.

*Bursar*—George A. Mitchell, 1875.

**LORIMER BURSARIES.**—By Trust Disposition and Settlement, of date 17th October, 1872, the late Mr. John Lorimer, Merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects—(1) Theology; (2) Philosophy; (3) Medicine; (4) Mathematics, and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects. The Trust Deed was recorded in the Books of Session and Council, on 31st August, 1877, but the amount of the residue has not yet been ascertained.

**LUSK BURSARY.**—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for “a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland,” “and who may, on public examination or competition, be found to be best qualified and most deserving.” The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year.

*Bursar*—Alexander Gregory, 1876.

**MACGROUTHER BURSARIES.**—Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther, of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years, and on the same conditions as the Forfar Bursaries. (See p. 119.)

*Bursars.*—James Hamilton, 1875; William B. Lamberton, 1876.

**METCALFE BURSARIES.**—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her deed of settlement and codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, “for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry and Civil Engineering.” Mr. Metcalfe died on 25th Jan., 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see p. 147), at least two Metcalfe Bursaries or Scholarships,\* each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy, and Chemistry: two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathematics, including the Elements of Plane Trigonometry, of Mechanics, and of Theoretical Astronomy, from among matriculated students entering the senior class of Mathematics, or the class of Chemistry.

*Bursars.*—John H. Macalpine, 1877; Robert Muirhead, 1877. (Two vacancies.)

**ORR-EWING DUMBARTONSHIRE BURSARIES.**—Archibald Orr Ewing, Esq., of Ballikinrain, M.P., by bond and foundation, dated 19th September, 1877, bound and obliged himself, his heirs, &c., to pay to the University of Glasgow, and to the *Senatus Academicus* thereof, as trustees, the sum of £1600 Sterling, in seven annual instalments, payable at Martinmas in each of the

\* In future there will be a competition annually for two Metcalfe Bursaries.



years following, viz.—In 1878, £100 ; 1879, £200 ; 1880, £300 ; 1881, £400 ; 1882, £300 ; 1883, £200 ; 1884, £100 ; to be held and applied for providing four Bursaries of £25 per annum each, tenable for four years, to be competed for in each of the years 1878, 1879, 1880 and 1881. The Bursaries are open only to candidates who have attended a Public Parochial, being an Ordinary Board School, or Schools in one or more of the Landward Parishes of Dumbartonshire for the full period of four years immediately preceding the competitive examination for the said Bursaries, who shall at the date of such examination be under the age of 17 years complete, and who shall express their intention of forthwith entering the University of Glasgow and proceeding with the studies required for obtaining the Degree of Master of Arts from the said University, and shall actually enter the said University accordingly. Each of the said Bursaries shall, as a rule, be tenable for four years, but on condition that each Bursar, shall, during or prior to his fourth Session of attendance at the said University, have passed two out of the three departmental examinations for the said Degree of Master of Arts, wherein if he fail he shall forfeit all right to the said fourth year's payment of £25. Candidates will be examined in at least three of the following subjects, viz. ; (1) English Language and Literature, (2) Mathematics, (3) Latin, and (4) Greek, of which three subjects English Language and Literature must always be one. Should the examiners not consider the candidates to have passed an examination of sufficient value, or should a sufficient number of candidates not come forward, the *Senatus* shall offer in subsequent years additional Bursaries of £25 each. In the event of a Bursary becoming vacant otherwise than by lapse of time, the *Senatus* are to apply the funds thereby left at their disposal for the benefit of Divinity students belonging to Dumbartonshire. (Four vacancies.)

PATRICK BURSARIES.—Two in number, founded in 1860, by Mr. William Patrick, of Roughwood, W.S., the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They are tenable for two years, but may be continued for other two. Candidates must have gone through a course of education at some one of the Public Schools in the County of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four, of his best scholars, who shall

be entitled to present themselves to the Principal and Professors as candidates for the Bursaries.

The examination is in Latin, Greek, Elementary Mathematics, and English.

*Bursars*.—\*William Snodgrass (£40 Bursar), 1874; Cecil J. Swan (£80 Bursar), 1877.

GLASGOW PERTHSHIRE SOCIETY'S BURSARY.—Founded by the Glasgow Perthshire Society in 1873. Value £25, and tenable for three years. Open to competition to natives and sons of natives of the County of Perth, and also to sons of persons who are *bona fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the University of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent in to Mr. George Gray, Writer, County Buildings, Glasgow, Secretary of the Society, not later than the 1st October preceding the competition.

*Bursar*.—George Saunders, 1876.

ROSS BURSARY.—This Bursary was founded in 1659, by Captain William Ross, of Rosseyle. It is tenable for four years; and the appointment is vested in the Earl of Glasgow. Value, £4, 2s. 4d. per annum, but increased by the Patron to £25.

*Bursar*.—James Gilmour Baillie, 1875.

SCOTT BURSARIES.—Founded in 1877, along with the Scott Scholarship, on occasion of the centenary of the birth of Sir Walter Scott; the Committee having resolved to employ the fund, raised by public subscription, which amounts to £3,500, "for the benefit of distinguished University students." The fund is administered by Trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being the Council's Assessor in the University Court, *ex-officio*. The Bursaries are two in number, each of the value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University.

*Bursars*.—James Denney, 1875; Robert W. Carlyle, 1876.

STEWART (BUTE) BURSARIES.—Two Bursaries are given by Mr. Alexander B. Stewart, of Ascog Hall, in connection with the

\* Vacant through lapse of time.

Glasgow Bute Benevolent Society. They amount to £32, 10s. and £27, 10s. respectively, are tenable for four years, and are open to students entering the University who are natives of Bute, or connected therewith. The subjects of examination are the same as for "The Bursary and Preliminary Examination" (see page 86). Mr. David Gray, Hon. Sec., 100 West Regent Street, Glasgow.

*Bursars*—William Kean, 1877 (1873), First Bursary.

John Ferguson, 1877 }  
John Macintyre, 1877 } Second Bursary.

GLASGOW STIRLINGSHIRE AND SONS OF THE ROCK SOCIETY'S BURSARY.—Founded in 1876, by the Glasgow Stirlingshire and Sons of the Rock Society. Value, £25 per annum, and tenable for four years. The Bursary is open to competition to "all students who have been born and educated in the County of Stirling." Candidates must be entering on their first session of attendance in the Arts Classes. Secretary of the Society, Mr. James Low, 176 St. Vincent Street, Glasgow.

*Bursar*—William Laing, 1876.

STUART BURSARIES.—These Bursaries, three in number, founded in 1809, by the Rev. James Stuart, are in the gift of the Senate. They commence with the Humanity or Greek Class, and may be held during the Gown Course. Value £15 per annum each. The names Stuart and Simpson are preferred. In case of a vacancy, a student of the same standing is appointed.

*Bursars*.—\*James Wilson, 1877 (1873); Robert J. Geddes, 1876; R. T. Loudon, 1877.

#### B.—BURSARIES IN THE FACULTY OF THEOLOGY.

JOHN ADAM BURSARIES.—Three in number, founded by Mr. John Adam, of the Inner Temple, who died in 1836. They are open to competition to students in Theology of the first year; and, after examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. In appointing to one of the Bursaries, there is a preference, *cæteris paribus*, to the kindred of the Founder, and to students of the name of Adam or Dollar. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years. Value, £15 to each Bursar.

*Bursars*.—† P. Hatley Waddell, 1875; † John Wellwood, 1875. (Three vacancies.)

\* Vacant through lapse of time.

† Vacant. Bursars' Course finished.

**BLACK THEOLOGICAL BURSARIES.**—Founded by Mrs. Janet Black, who died in 1876, in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The Bursaries are entrance bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

One Bursary will be competed for in November, 1878. Candidates will be examined in the subjects of the curriculum in Arts on the 14th, 15th, and 16th November. Names of candidates to be given in to the Clerk of Senate not later than 8th November, 1878.

*Bursar.*—Duncan Macarthur, M.A., 1877. (One vacancy.)

**BOYD BURSARIES.**—In 1653, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years. Value, £5, 10s. per annum each. The patrons of two were the members of the City Council; and the appointment of the third was vested in the Merchants' House of Glasgow. Preference to burgesses' sons, particularly of the name Boyd.

By ordinance of the Universities Commissioners, of date 17th May, 1862, the two Bursaries in the gift of the Town Council were conjoined into one, tenable for three years; the Bursar to be M.A.

*Bursars.*—William C. Taylor, M.A., 1877 (nominated by Town Council); James R. Wood, 1877 (nominated by Merchants' House).

**BROWN OR ETTLES BURSARIES.**—Two in number, founded in 1867, by Miss Ettles, of Inverness, in memory of her brother-in-law, the late Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary degree of M.A.; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

*Bursars.*—John Smith, M.A., 1877. (One vacancy.)

**DUNDONALD BURSARIES.**—(See under "Faculty of Arts," p. 119.)

*Bursars in Divinity.*—\*James C. Brown, 1876; \*William Smith, 1876; \*John Taylor, M.A., 1876; Archibald E. Dewar, M.A., 1877; Robert B. Pattie, M.A., 1877; Robert Paisley, 1877.

\* Vacant through lapse of time.

GILHAGIE BURSARIES.—Founded in 1753, by Mrs. Agnes Gilhagie, for a student in Divinity. Tenable for four years. Value, £6, 6s. per annum. Appointment by the Magistrates, Town Council, and Ministers of Glasgow.

*Bursar*—Godfrey W. M'Rae, 1875.

HASTIE BURSARIES.—(See under "Faculty of Arts," p. 121.) (Two vacancies.)

LAMB BURSARIES.—(See under "Faculty of Arts," p. 122.)

LOGAN BURSARIES.—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, Tinsmith, in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. A preference is given to the names Logan and Johnston. The value of each is £15 per annum. Appointment by the Senate.

*Divinity Bursar*—\* John R. Wilson, 1876.

LORIMER BURSARIES.—(See under "Faculty of Arts," p. 123).

LUMSDEN BURSARY.—This Bursary was founded in 1850, by Mr. James Lumsden, Stationer, Glasgow. Value, £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. Patron, Sir James Lumsden.

*Bursar*—\* William Brownlie, 1875.

MARSHALL BURSARIES.—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, Wholesale Stationer, Bell Street, Glasgow, by her will, dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided "that the Principal and Professors shall nominate and appoint such students only to the said Bursaries as they shall find on such examination as they may appoint to be properly qualified for entering upon the study of Divinity and Medicine at the said University." The Bursary in Divinity will be open to competition at the beginning of session 1878-9. (One vacancy.)

NOTMAN BURSARY.—By Deed of Settlement dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier, of Hill-

\* Vacant. Bursar's Course finished.



head, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College, the sum of £500 sterling, for the purpose of founding a Bursary in the College to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity who shall appear in public examination to be best qualified and deserving. (Vacant.)

**SANDERS BURSARY.**—This Bursary was founded in 1728, by Mr. Sanders, of Auldhouse. Bursar to be a son of a Burgess; preference to names Sanders, Corbett, Colquhoun, and Woddrop. It is tenable for five years; and the right of election is vested in the Merchants' House of Glasgow. Value, £8, 6s. 8d. per annum.

*Bursar*—James Hunter, 1876.

**STRUTHERS BURSARY.**—In 1624, the Rev. William Struthers founded two Bursaries for students in Divinity. Value, £6, 13s. 4d. per annum each. By ordinance of the Universities Commissioners, of date 17th May, 1862, these Bursaries were conjoined into one, tenable for three years; the holder to be M.A. and a student of Divinity. All other restrictions were abolished. The right of nomination belongs to the Magistrates and Town Council of Glasgow.

*Bursar*—\* William Auld, M.A., 1876.

**WILSON BURSARY.**—Two Bursaries, value £6, 13s. 4d. per annum each, were founded by Mr. Michael Wilson, in 1640. Patrons—The City Magistrates and Council.

By Ordinance of the Universities Commissioners, of date 17th May, 1862, confirmed by Her Majesty in Council, these Bursaries were conjoined into one, tenable for three years; the holder to be M.A., in regular attendance as a student of Theology. Restrictions as to kindred, &c., abolished.

*Bursar*—\* John C. Thomson, M.A., 1877.

#### C.—BURSARIES IN THE FACULTY OF MEDICINE.

**BRISBANE BURSARY.**—Founded by Miss Christian Brisbane, in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane, of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

\* Vacant. Bursar's Course finished.

It is tenable by a student of Medicine for four years, and the salary is about £50 per annum. The family of Brisbane and the College present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

Preference is given to the kin of the founder.

*Bursar*—J. M'Gregor Robertson, M.A., 1876.

MALCOLM KERR BURSARIES.—(See under "Faculty of Arts," p. 122.)

LOGAN BURSARIES.—(See under "Faculty of Theology," p. 129.)

*Bursar in Medicine*—Matthew S. Anderson, 1877.

LORIMER BURSARIES.—(See under "Faculty of Arts," p. 123.)

MACFARLANE BURSARY.—Founded in 1874 by the brothers and sister of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and in his memory. Patrons—The Medical Faculty. Value, about £40. Tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow, and who have passed in all the seven subjects of the examination in general education for M.B. The Examination will be held at the close of the first session of professional study. The subjects of examination to be prescribed by the Patrons; and the success of the candidates in the Examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, to be applied to establish a "Macfarlane Prize" in the class of Practice of Medicine. The subjects of examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

*Bursar*—Angus M'Phee, 1876.

MARSHALL BURSARY.—(See under "Faculty of Theology," p. 129.)

*Bursar in Medicine*—John More Young, M.A., 1876.

RAINY BURSARIES.—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary fund is to be divided annually between the two Bursars; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing

up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one-half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund should at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third Winter Session ; and the examination is to take place in the month of October.

The successful candidate may hold his Bursary for two years—namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

In 1878 the competition for one of these Bursaries will be held on 22nd October. Candidates are required to give in their names (with certificates) to the Assistant-Clerk of Senate, on or before 1st October.

*Bursars*—\*Wm. Partington, 1876 ; Ralph D. Stevenson, 1877.

**WALTON BURSARY.**—This Bursary was founded in 1763, by Dr. William Walton, Huntingdon, for a student in Medicine. The Earl of Sandwich appoints to the Bursary one of two students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value, about £36 per annum.

*Bursar*—William F. Grier, 1876.

#### D.—BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.

**ARDKINGLASS BURSARY.**—Founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader had

\*Vacant through lapse of time.

by his will set aside for pious uses. Tenable for eight years—five in Languages and Philosophy, and three in Divinity. Patron, Mr. George F. W. Callander, of Ardkinglass and Craigforth. Bursar to be found duly qualified by Principal and Masters; and to take the degree of M.A. before passing to Divinity. Value, £9, 10s.

*Bursar*—Patrick H. Aitken, 1876.

**BAXTER BURSARY.**—Founded in 1776, by Mr. Daniel Baxter, Bookseller, Glasgow. The Patrons are the Principal, the Professor of Divinity, the Regents, the Magistrates, the Dean of Guild, the Convener, and the Ministers of the City. It is tenable for five years. Value, £8 per annum.

By ordinance of the Universities Commissioners, of date 12th July, 1862, restrictions as to parentage are removed; Bursar to pass such entrance examination as may be required by the Senate for the time of Presentation Bursars; to proceed through Arts Course, and pass the examinations for M.A.; and after obtaining the Degree, to give regular attendance as a student of Theology in the University.

*Bursar*—Arthur Allan, 1875.

**BUCHANAN (BELLFIELD) BURSARIES.**—Founded in 1875, in accordance with the trust disposition and deed of settlement of the late Misses Margaret Jane and Elizabeth Buchanan, of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in reduced 3 per cent annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointment from the University Court. The Bursaries are tenable during the whole curriculum, "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts.

*Bursars*—Peter Donaldson, 1875; John A. Clark, 1876.

**EXCHEQUER BURSARIES.**—These Bursaries, six in number, were founded by King William III., in 1695. They are tenable for six years: the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. In case of a vacancy by death or otherwise, a student of the same standing with the late Bursar is appointed for the remainder of the time. The Bursars in Philosophy receive £10 per annum each, and those in Divinity £13, 6s. 8d. The Patrons are the

Lords of the Treasury, who select one out of a list of six students transmitted to them by the Senate. (Regulated by Act of Parliament, 1758.)

*Bursars.*—\*Robt. M'Clelland, 1875 (1872); David H. Paterson, 1876 (1873) (Divinity); Wm. T. P. Macdonald, 1875 (1874) (Divinity); James Kirkland, 1875 (Divinity); John H. Fullarton, 1876 (Nat. Phil.); — —, 1877 (Mor. Phil.)

**HAMILTON BURSARIES.**—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. The conditions of tenure are exactly the same as in the case of the Exchequer Bursaries; see p. 133. The Bursars in Philosophy receive £20, and those in Divinity £25, per annum each. The right of presentation is vested in the Duke of Hamilton. (Regulated by Act of Parliament, 1758.)

*Bursars.*—\*G. S. Hendrie, 1874 (1872); Geo. L. Coltart, M.A., 1876 (1873) (Div.); Robert Kemp, 1874 (Div.); Alex. Kirkland, 1875 (Div.); Robert B. Dickson, 1876 (Nat. Phil.); James M. Campbell, 1877 (Mor. Phil.).

**LEIGHTON BURSARIES.**—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries at present of the value of £9 per annum each. They are tenable for four years in Philosophy, and two or three years in Divinity. On a vacancy, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar.

*Bursar*—Robert R. Spark, 1875. (One vacancy.)

**WILLIAMS BURSARIES.**—The Rev. Dr. Williams, London, in the year 1711, bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant Dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the Dissenting Ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value £40 per annum each. The right of presentation is vested in the Founder's Trustees. Secretary to the Trust—Rev. Thomas Hunter, 16 Grafton St., E., London, W. C.

*Bursars*—David Theophilus, 1876; Evan Ceredig Jones, 1876; Wm. Hope Davison, 1876; John E. Davies, 1877; James H. Lloyd, 1877; Francis F. Shaw, 1877.

\* Vacant through lapse of time.



## E.—BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.

**ARMAGH BURSARIES.**—Three in number, founded in 1733, by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commissioners, of date 17th May, 1862, these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed. On each vacancy, the most distinguished Graduate in Arts of the year, who offers himself as a candidate, is appointed by the Senate.

The Bursaries are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. One Bursar is appointed at the commencement of each session, and no appointment is made of more than one Bursar in the same year.

*Bursars*—\*James E. Campbell, M.A., 1875; Alex. Morton, M.A., 1876; Archibald Craig, M.A., 1877.

**OLD LIBRARY BURSARY.**—Founded by Mr. Hutcheson, of Lambhill, in 1641. Tenable for four years. Value, £11, 2s. 2½d. per annum. The Bursar must be M.A. Preference to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow.

*Bursar*—Charles A. Paterson, M.A., 1877.

## F.—BURSARIES IN ANY FACULTY.

**GLASGOW AYRSHIRE SOCIETY'S BURSARIES.**—Founded in 1868 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £500, subscribed by members of the Society, to be devoted to the establishment of one or more Bursaries in the University of Glasgow, and invested for that purpose. The Bursaries are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Glasgow Ayrshire Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances which render the aid of a Bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. James Graham Girvan, 186 West George Street, Glasgow.

*Bursars*—Matthew S. Anderson, 1876; Robert T. Loudon, 1876. (One vacancy.)

\* Vacant through lapse of time.

**CELTIC SOCIETY'S CAMPBELL BURSARY.**—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native or son of a native of the Highlands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. George Rennie, 38 West George Street, Glasgow, on or before 1st October in each year.

*Bursar*—John Urquhart, 1874.

**DENNY BURSARIES.**—Four in number, founded in 1875 by Mr. Peter Denny, Engineer and Shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who have been pupils for two years or more at the Dumbarton Burgh Academy. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. Peter Denny, Mr. John M'Ausland, the Principal and Professors, and the Assessor of the General Council in the University Court.

*Bursars*—Peter D. Crerar, 1875; Donald M. Marr, 1876; Alexander Anderson, 1877. (One vacancy).

**GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES.**—Two in number, the one founded in 1874, and the other in 1876. Value, £15 per annum each, tenable for four years. Consist of the annual proceeds of a sum invested for the establishment of Bursaries in Glasgow University, and subscribed by members of the Glasgow Dumfriesshire Society. The Bursaries are open to first and second years' students, between the ages of 14 and 21, who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Secretary, Mr. William J. Thomson, 86 St. Vincent Street, Glasgow.

*Bursars*—\*John Edgar, 1874; Thomas E. S. Clarke, 1876.

**JAMES FERGUSON BURSARIES.**—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three faculties of Divinity, Law or Medicine, or in the Department of Engineering Science. The

\* Vacant through lapse of time.

Bursaries are awarded for special proficiency in Arts' studies, according to the following rotation, viz., in November, 1878, and thereafter triennially, in Mental Philosophy, including English Literature; in November, 1879, and thereafter triennially, in Mathematics; in November, 1880, and thereafter triennially, in Classical Literature. The examination is the same as that for Honours in the corresponding department (with the addition in the case of the Department of Mental Philosophy, of a paper on English Literature), at the Annual Examination for Degrees in November. Candidates must have completed the course of attendance required for admission to examination in the corresponding department for the Degree of M.A. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Science, as he may, with approval of the Senate, select; and he shall not receive the payment of any half-yearly bursar without such evidence, as the Senate may require, that he is faithfully pursuing the selected courses and shall not receive payment of the fourth half-yearly bursar till he has graduated. There is a preference, *cæteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk or the Province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the Founder.

Candidates for the Bursary to be competed for in 1878, will be examined in Mental Philosophy, including English Literature, on Saturday, Wednesday, and Thursday, 2nd, 6th, and 7th November, at 10 A.M. each day. Names to be given in to the Assistant-Clerk of Senate not later than 10th October. (One vacancy.)

FORREST BURSARIES.—Founded by Mr. William Forrest, of Easter Meadowhead, Drumgilloch, and Meadowsides, by deed of mortification, of date 6th March, 1858. The Bursaries are five in number, each of the annual value of £22. Their object is to assist young men at the University who require aid, and give evidence of future eminence. Bursars to prosecute a course for some degree, and to attend at least two classes each session. Preference to students belonging to the parishes of New Monkland, Slamannan, and Shotts. The Trustees have it in their power to appoint for one year, or for any number of years not exceeding five, and they are disposed in the meantime to extend the period of tenure to three years in the case of Bursars who distinguish themselves in any one class, but in the case of those who do not distinguish themselves they do not guarantee the grant for longer than one year. Patrons and Trustees—The Sheriff-Substitute of Lanarkshire at Airdrie, the Provost of Airdrie, and the Ministers of the parish of New Monkland, of the Quoad Sacra parish of

Clarkston, and of the West Church, Airdrie. Agent, Mr. Thomas Clark, County Buildings, Airdrie.

*Bursars*—\*Archibald Sharp, 1875 ; James B. M'Kenzie, 1876 ; John Ritchie, 1876 ; Alexander Loudon, 1876 ; Lawrence A. Waddell, 1876.

**JOHN GIBSON BURSARIES.**—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson, of Oakbank and Johnstone, merchant, in Glasgow. The Bursaries which may be given to one student, or at most to two, consist of the annual proceeds of £1,000. The administration is vested in Trustees who have great discretionary powers as to the conditions on which the Bursaries may be held. The Trustees will be prepared to appoint, in October, 1878, one Bursar who shall be a student of Medicine entering on the second year of his course of study.

Application to be made to James Graham, Esq., writer, 198 West George Street, Glasgow, who will furnish forms of application.

*Bursar*—David Blyth, 1877. (One vacancy).

**THE KINTYRE BURSARY.**—Founded in 1862 by Robert Ker, Esq., of Auchinraith, Merchant, in Glasgow, and originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

The Office-Bearers of the Kintyre Club were appointed Patrons. By the deed of mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Secretary of the Kintyre Club—Mr. Thomas J. Smellie, 175 West George Street, Glasgow.

*Bursar*—\* Donald M'Millan, 1874.

**INCORPORATION OF MALTMEN BURSARIES.**—Founded by the Incorporation of Maltmen of Glasgow, for the education of two individuals—being members, sons of members, or grandsons of members of the Incorporation. Tenable for four years. Value, £25 per annum each. Appointments to vacancies are made in

\* Vacant through lapse of time.

the month of September by the Master Court of the Incorporation. Mr. Robert Douie, 170 Hope Street, Glasgow, Clerk.

*Bursars*—James C. Herbertson, 1876; Alexander N. Ledingham, 1876.

**MONTEITH BURSARIES.**—Founded in 1869 by Mr. James Monteith, of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £16, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1878-79, a regular three years' Bursary will be competed for, the examination being in German.

*Bursars*—\* James Dawson (French Bursar), 1875; Robert W. Carlyle (German Bursar), 1876; George B. Stark (French Bursar), 1877.

**SMITH BURSARIES.**—Two in number, founded in 1849, by Dr. John Smith, of Cruthersland; not restricted to any particular description of students. Patrons—The Directors of the Incorporated Company of Stationers. Sons of Members of the Company preferred; then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the Patrons. Value, £9 per annum each. Tenable for one or more years, at the option of the Patrons. Applications to be made to Mr. R. Brodie, 87 St. Vincent Street, Glasgow.

*Bursars*—Walter G. M'Laren, 1874; James Caddell, 1874.

**TAYLOR BURSARIES.**—Two in number, founded by Mr. James Taylor, writer in Glasgow, who, by trust disposition and settlement, of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. On realizing the estate, after Mr. Taylor's death, it was found to yield only 14s. per £ on the various legacies. The Trustees accordingly paid over to the University, in January, 1868, the sum of £560, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. Preference to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur.

*Bursars*—J. W. Anderson (Med.), 1876. (One vacancy).

\* Vacant as a German Bursary.



## 2. EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.

## INDEX.

FOUNDATION.	No. of Scholar- ships, &c.	TENABLE BY	Approximate Annual Value of each.	Page in Calen- dar.
Black Theological, -	1	Masters of Arts of Scot. Univ.,	£140	151
Breadalbane, - - -	2	Do. Glas. Univ.,	£50	142
Clark, George A., - -	4	Do. do.	£200	148
Clark, John (Mile-end),	8	Arts Students at close of Curric.,	£50	146
Eglinton, - - - - -	2	Masters of Arts of Glas. Univ.,	£100	143
Ewing, William, - - -	3	Do. do.	£80	150
Ferguson, - - - - -	6	Masters of Arts of Scot. Univ.,	£80	152
Findlater, - - - - -	1	Divinity Students of Glas. Univ.,	£40	147
Luke, - - - - -	1	Masters of Arts of do.	£120	145
Metcalfe, - - - - -	1	Do. &c., do.	£100	147
Sandford, - - - - -	1	Greek Students, do.	£19	143
Scott, - - - - -	1	Masters of Arts of do.	£80	149
Shaw Philosophical, - -	1	Do. Scot. Univ.,	£160	153
Snell (at Oxford), - -	14	Masters of Arts, &c., Glas. Univ.	£110	140
Thomson Experimental	3	Students of Natural Philosophy,	£20	146

SNELL EXHIBITIONS.—In the year 1677, Mr. John Snell, of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to Trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford. By the rise in the value of land, and the improvements which have from time to time been made on the estate, the fund now affords £110 per annum to each of twelve Exhibitioners.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the foundation should thereby be increased to beyond fourteen, in which case not more than two were to be elected, the Exhibitions being tenable for five years; but by an agreement, of date 2nd April, 1878, under provisions of the same scheme, the following regulations have been sanctioned:—

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December, 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would thereby be increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided\* as Undergraduate students for two years at least in Glasgow College, or for one year in that College, and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year: but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scottish University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's office for the purpose, not later than 1st December, 1878. The next examination will be held in April, 1879.

The subjects of examination are as follows:—

IN LATIN, GREEK, LOGIC, AND MORAL PHILOSOPHY.—The subjects of examination for the Degree of M.A. with Honours.

IN NATURAL PHILOSOPHY AND MATHEMATICS.—The subjects of examination for the Ordinary Degree of M.A.; and higher subjects which any candidate may express a wish to be examined in.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the three departments of the examination, viz: Classics, Mental Philosophy, Mathematics; that a candidate may be appointed for decided excellence in any one department alone; and if such excellence in some one of the departments be not displayed by three of the candidates, the examiners will either appoint a

\* By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purposes of the Snell Trust, be constituted by regular attendance as a public student for the complete Winter Session on not less than two of the classes in the curriculum for the Degree in Arts.

candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time.

*Present Exhibitioners*—Laurence Kay, 1874 ; William P. Ker, 1874 ; Thomas Gregory, 1875 ; William Muir, 1875 ; John H. Muirhead, M.A., 1875 ; Robt. H. Pinkerton, M.A., 1876 ; Wm. D. Scott, 1876 ; Islay F. Burns, M.A., 1876 ; Wallace M. Lindsay, M.A. 1877 ; John Stuart, 1877 ; John Edgar, M.A., 1878 ; Alexr. N. Cumming, 1878.

**BREADALBANE SCHOLARSHIPS.**—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his deed of settlement made provision for "the annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be yearly paid to deserving students in this College, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the *Senatus Academicus* of the said University."

The following regulations have been approved by the Senate.

1. "The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

2. "The scholars shall be chosen, after a competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, at the University of Glasgow, within a period of not more than four years preceding the examination.

3. "Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years, provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study."

One scholarship will be open to competition in November, 1879.

*Present Scholars.*—Joseph Conn, M.A., 1876 ; William Allan, M.A., 1877.

**SANDFORD SCHOLARSHIP.**—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek Language. Value, about £19 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of April, and is open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors: Homer, 12 books; Herodotus, 4 books; Sophocles, 3 plays; Thucydides, 4 books; Æschylus, 3 plays; Demosthenes, one or more orations; Aristophanes, 3 plays; Xenophon's *Memorabilia*; Pindar; Plato, one or more dialogues.

Candidates are examined on not more than four of the above-mentioned authors (of which Homer is always one),—two in prose and two in verse; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

*Subjects of Examination for April, 1879.*—Homer—*Odyssey*, Books I–XII; Sophocles—*Electra*, *Ajax*, *Ædipus Rex*; Herodotus—Books VI, VII, VIII, IX; Plato—*Phædrus* and *Gorgias*.

Names of candidates to be given in to the Assistant Clerk of Senate, not later than 22nd March, 1879.

*Present Scholar.*—John Wilson Marshall, 1877.

**EGLINTON FELLOWSHIPS.**—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating, in a suitable manner, his virtues and public services; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum, as a Scholarship or Fellowship Fund, in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the nett yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall, from time

to time, be fixed by the *Senatus Academicus* of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,\* and the Fellowships shall be awarded by the *Senatus Academicus* of the University to those students who have shown themselves, in a public competition, to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the *Senatus Academicus* of the University, who shall fix the subjects of examination, and the relative value of each subject in the Competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

The following are the Regulations of the Eglinton Fellowships.

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The competition for the Fellowships shall be open only to deserving students who shall have taken the degree of Master of Arts in the University of Glasgow, at the term preceding the competition.\*

3. One of the Fellowships shall be open to competition in November, 1866, and thereafter triennially ; and the other in November, 1867, and thereafter triennially.

4. The subjects of examination for the Eglinton Fellowship to be competed for in November, 1878, and thereafter triennially, shall be Logic and Metaphysics, Moral Philosophy, English Literature, and Classics, including Ancient History.

The subjects of examination in Latin, Greek, Logic, and Moral Philosophy, shall be the same as those for the Degree of Master of Arts with Honours.

Candidates are requested to take notice that conspicuous excellence in one of the departments of the examination—in Classics, or in Philosophy and English Literature—will be preferred to moderate attainments in both.

5. The subjects of examination for the Eglinton Fellowship to be competed for in November, 1879, and thereafter triennially,

\* *i.e.*, Either at the ordinary Graduation in May or at the supplementary Graduation in November.



shall be the subjects of examination for the Degree of Master of Arts with Honours in Mathematics and Natural Philosophy.

6. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

Names of candidates for the Eglinton Fellowship to be competed for in November, 1878, to be given in to the Assistant-Clerk of Senate not later than 10th October.

*Present Fellows.*—Benjamin F. C. Costelloe, M.A., 1875 ; Andrew Gray, M.A., 1876.

**LUKE FELLOWSHIP.**—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, “to perpetuate the memory of his nephew, George Rankin Luke” (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), “in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial.”

The following are the Regulations of the Luke Fellowship.

1. There shall be a single Luke Fellowship (of about £120 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The Luke Fellowship shall be awarded on examination in Classics and Ancient History, Moral Philosophy, Logic and Metaphysics, and English Literature.

3. The successful competitor shall be bound to give such assistance in the teaching of the class of English Literature as the Senate may in each case prescribe ; and, in reporting to the Senate, the Examiners shall pay particular attention to this obligation, and shall give English Literature at least equal weight with either Classics or Philosophy.

4. The Luke Fellowship shall be open to competition in November, 1868, and thereafter triennially.

5. The competitors for a Luke Fellowship must be either Masters of Arts of this University, of not more than three years' standing, or students who have completed the curriculum for the Master of Arts Degree, and in the interval since the previous competition have obtained Certificates of having passed the Degree examination in two of the departments, provided always, that if an undergraduate be the successful competitor, he shall be required to take the degree of Master of Arts before the end of the second year.

6. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

7. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship.

*Present Fellow*—Mungo Wm. M'Callum, 1877.

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see p. 117), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to Protestant students, sons of Protestant parents, on the completion of their curriculum in Arts in Glasgow University. The scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the Trustees, and are tenable for four years, subject to the condition that the scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the Trustees, any other profession or business they may prefer. Two scholarships will be competed for in November, 1878, one in the department of Natural Science, the other in the department of Classics. The examination will be on the subjects prescribed for the Degree of M.A. with Honours (or such of them as the candidates may profess), in the respective departments.

Names of candidates to be given in to the Assistant-Clerk of Senate on or before the 10th October, and also to Mr. J. B. Kidston, 50 West Regent Street, Glasgow.

*Present Scholars*.—Ebenezer B. Spiers, M.A., 1875; James Lambie, M.A., 1876; John C. Watt, M.A., 1876; John M. Dodds, M.A., 1877; Alexander S. Wilson, M.A., B.Sc., 1877.

THOMSON EXPERIMENTAL SCHOLARSHIPS.—Three scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson, LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal, of date September 6th, 1869, in which, after referring to “the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise,” and the “facilities for experimenting which the College had afforded him,” he states that “he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University,” and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy and the Committee on

Physical Apparatus, from among students who have previously shown their zeal and ability in Experimental Investigation in the Physical Laboratory, and they are required to engage in the continued prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

*Scholars for 1878*—Thomas Gray, B.Sc.; Archibald E. Scott; Robert J. Wight.

**METCALFE FELLOWSHIP.**—Founded by the late Miss Sarah Metcalfe, Glasgow (see under Metcalfe Bursaries, page 124).

The following are the regulations of the Metcalfe Fellowship:—

1. There shall be a Fellowship on the Metcalfe foundation, of the annual value of £100, tenable for three years, to be competed for in November, 1872, and thereafter triennially.

2. Candidates must either be Masters of Arts with Honours, in the department of Mathematics and Natural Philosophy, of less than two years' standing, or must be qualified to take that Degree at the graduation immediately succeeding the competition.\*

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the department of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering and Chemistry, as the Senate shall in each case prescribe.

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship; and the holder of the Eglinton Fellowship shall not be allowed to compete for the Metcalfe Fellowship.

The next competition will be held in November, 1878.

Names of competitors to be given in to the Assistant-Clerk of Senate not later than 10th October.

*Present Fellow.*—Thomas Hugh Miller, M.A., 1875.

**FINDLATER (DIVINITY) SCHOLARSHIP.**—This scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations were adopted by the Senate, Nov. 30th, 1871:—

1. The Findlater Scholarship shall be awarded annually by competition.

\* Thus, a candidate at the competition in November, 1878, must either have graduated with Honours at a date not earlier than November, 1876, or must have passed all the examinations necessary to take the degree at the graduation in November, 1878.

2. At the first competition (April, 1873), and thereafter biennially, the examination shall be in Divinity and Church History; at the second competition (Nov., 1873), and thereafter biennially, the examination shall be in Hebrew and Biblical Criticism.

3. The subjects of examination in each of the four departments shall be the same as those prescribed for the Degree of B.D.; but any of the candidates at any examination shall be at liberty to profess additional subjects in one or both of the departments in which he is examined.

4. The examinations shall be held at the same time as the examinations for the Degree of B.D.: those in Hebrew and Biblical Criticism in the commencement of the session, and those in Divinity and Church History at the close of the session.

5. The competition shall be open to all students of Divinity who shall complete the ordinary course at the close of the session in which the examination is held, or who shall have completed their course at the close of the session immediately preceding.

The next competition will take place in April, 1879, the examination being in Divinity and Church History. Names of candidates to be given in to the Assistant-Clerk of Senate, on or before 10th April.

*Scholar in Hebrew and Biblical Criticism, November, 1877—*  
Peter Hately Waddell, M.A.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS.—By the Will of the late Mr. George A. Clark, Manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the Regulations:—

1. One of these Bursaries shall be competed for annually at or immediately after the November examination for Degrees in Arts.

2. The candidates for the Bursaries shall be either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours, in any one of the four departments enumerated in the ordinances of the Universities Commissioners, No. 14, § VII, and No. 18, § III, viz.:—

- (1) Classical Literature.
- (2) Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy.
- (3) Mathematics, including Pure Mathematics and Natural Philosophy.
- (4) Natural Science, including Botany, Geology, Zoology, and Chemistry.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree.

3. The subjects of examination each year shall be those which constitute the examination for Honours in one of the above-named departments (the department selected for examination each year to be publicly announced.)

4. The successful candidate shall undertake, during his tenure of the Bursary, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

6. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments.

One of these Bursaries or Scholarships, of the annual value of about £200, and tenable for four years, will be competed for, subject to the foregoing regulations, in November of the present year: the examination to be in the second of the four departments above enumerated—viz., Mental Philosophy. Candidates are requested to give in their names to the Assistant-Clerk of Senate not later than 10th October.

The Senate reserve the right to withhold the Scholarship should none of the competitors reach the standard of attainment required of graduates in Arts with highest Honours.

*Bursars*—James S. Russell, M.A., 1875 (Mathematics); James J. Dobbie, M.A., 1876 (Natural Science).

SCOTT SCHOLARSHIP.—(See under head “Scott Bursaries,” p. 126).

This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years’ standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. “The subjects of Examination for the said Scholarship shall be, with the addition aftermentioned, Classics or Mental Philosophy



or both of these, the special Subjects being those for the examination for the M.A. Degree with Honours in the given department or departments for the year, and in addition to the examination above mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass in Mental Philosophy." The Examination in 1879 will be in Classics and English Literature.

*Present Scholar*—Lewis A. Muirhead, 1877.

WILLIAM EUING FELLOWSHIPS.—Founded in 1874 by Mr. William Euing, Insurance Broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable Books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships to be open only to deserving students who have completed the regular curriculum in Arts, and graduated at this University, and to be awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months of the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University—more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the courses of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purposes by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships :

1. In the department of Classics there shall be one Fellowship competed for in November, 1875, and thereafter at intervals of four years, the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in November, 1876, and thereafter at intervals of three years, the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in November, 1875, and a Fellow appointed for two years ; the Mathematical Fellowship becoming vacant in November, 1877, shall be filled up for a period of three years, the period for which the Fellowship in this department shall be ordinarily held.

*Present Fellows*—John B. Douglas, M.A., 1875 (Classics); Alexander F. Fraser, M.A., 1876 (Mental Philosophy); James Arthur, M.A., 1877 (Mathematics.)

**BLACK THEOLOGICAL FELLOWSHIP.**—This Fellowship, of the annual value of £140 or thereby, was instituted under the Will of the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following Regulations have been adopted by the Senate with the sanction of the University Court :

1. The Black Theological Fellowship shall be tenable for two years.

2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland, who shall complete the ordinary curriculum of Theological study in the University of Glasgow in the year in which the examination is held, or who shall have completed that curriculum in any of the three preceding years.

3. At the first competition in November, 1877, and thereafter in November, at intervals of four years, the examination shall be in Hebrew and Biblical Criticism ; and at the second competition in April, 1879, and thereafter in April at intervals of four years the examination shall be in Divinity and Church History.

4. The Fellowship shall be awarded by the Theological Faculty only when the examining Professors shall report that the candidate is of sufficient merit.

5. The holder of the Fellowship shall, during his tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.

6. No candidate who has gained the Fellowship at one examination shall be at liberty to compete for it a second time.

7. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship falling to be awarded at the same time, or subsequently during its tenure.

The second competition will take place in April, 1879. The subjects of examination will be—(1.) Those prescribed for the Degree of B.D., in the department of Divinity and Church History (see p. 106.) (2.) The Doctrine of the Person of Christ—Calvin, *Institutiones*, Lib. III. (3.) The Apostolic Fathers, their Writings and Literary History. Names of candidates to be given in to the Assistant-Clerk of Senate on or before the 10th April.

*Present Fellow*—Rev. David Hunter, B.D., November, 1877.

FERGUSON SCHOLARSHIPS.—With a view to the encouragement of the higher learning in Scotland, the Trustees of the late Mr. Ferguson of Cairnbrock have, out of his Legacy of £50,000 for educational and other purposes, instituted six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called “The Ferguson Scholarships.”

The Examination of Candidates for Three of these Scholarships will be held in Glasgow, on Tuesday, 1st October next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Metaphysics, and Ethics.

Subjects for examination :—

1.—CLASSICAL SCHOLARSHIP.—*Latin*.—Lucretius, Books V, VI. Virgil, *Eclogues and Georgics*. Lucan, *Pharsalia*, Books I-V. Cicero, *Epistolae ad Familiares*, Books I-VI. Tacitus, *Histories*, Books I-IV. Seneca, *De Beneficiis*, Books I-IV.

*Greek*—Homer, *Iliad*, Books I-XII. Æschylus, *Prometheus and Agamemnon*. Aristophanes, *Acharnians* and *Frogs*. Thucydides, Books V, VI. Demosthenes, *Olynthiacs* and *Philippics*, I, II, III. Aristotle, *Rhetoric*.

Peile's Introduction to Latin and Greek Etymology. Latin Prose Composition. Greek Prose Composition. Questions on Greek and Roman History and Literature, with especial reference to the subject matter of the Books read.

2.—MATHEMATICAL SCHOLARSHIP.—*Mathematics*.—Euclid's Elements. Algebra, including Determinants and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in Two and Three Dimensions. Differential and Integral Calculus, and Differential Equations.

*Natural Philosophy*.—Abstract Dynamics (commonly called Mechanics) including Kinematics and Statics and Kinetics of Solids and Fluids. Experimental Physics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

3.—PHILOSOPHICAL SCHOLARSHIP.—*Logic*.—Province and History of Logic. Logical Forms of Notions, of Judgments, and of Inferences. Fallacies and their Causes. Evidence. Authority. Science and its Methods. Recent Discussions affecting Logic.

*Metaphysics*.—Psychology (Physiological and Metaphysical) and Ontology,—including the Nature, Origin, and Limits of Man's Knowledge of Self, the Material World, and God. History and Critical Analysis of Ancient and Modern Metaphysical Systems.

*Moral Philosophy*.—Moral Psychology and Metaphysics of Ethics,—including the Will, Moral Government of the Universe,

and relative Questions. Practical Ethics. History and Critical Analysis of Ancient and Modern Ethical Theories.

The competition will be open to all persons who have passed the last of the Examinations required for the degree of Master of Arts in one of the Universities of Scotland (whether taking the degree at the same time or not) within two years immediately preceding, and who have not already gained one of these Scholarships or competed more than once previously for any of them.

The Examinations will be conducted in writing.

Candidates are requested to give in their names, personally or by letter, at the office of The Ferguson Bequest Fund, 66 George Square, Glasgow, not later than 1st September, 1878, and due intimation will be sent to those enrolled, as to the place and hours of Examination.

**SHAW PHILOSOPHICAL FELLOWSHIP.**—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the parish of Riccarton and county of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is open to the competition of graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely :—

1. The said Fellowship shall bear the name of "THE SHAW PHILOSOPHICAL FELLOWSHIP," in memory of the said Sir James Shaw, Baronet.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities, that is to say, the University of Edinburgh, the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities, who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the



University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as Graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only; but the said *Senatus Academicus* of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University in Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the Examiners shall be appointed by the *Senatus Academicus* of the University of Edinburgh, either from among the Members of the said *Senatus* or others, as they may think proper, and the other Examiner shall be appointed by the *Senatus Academicus* of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the *Senatus Academicus* of the University of Edinburgh, who shall, as Patrons of the said Fellowship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand one Hundred Pounds, and of any additions of the said sum which may hereafter be made thereto, as after mentioned, after deducting all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the *Senatus Academicus* of the University of Edinburgh to require the holder of the Shaw Philo-



sophical Fellowship, during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

The next Examination for this Fellowship will be held in the College of Edinburgh, on the 20th, 21st, 23rd, and 24th December, 1878. Names of candidates to be intimated in writing to the Secretary of the University, before the 1st of December.

### 3.—PRIZES.

Besides the Class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public spirited individuals has founded for the encouragement of learning in the University.

[The names of the Prizemen for Session 1877-8 will be found in the Degree and Prize List.]

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ARNOTT PRIZES.—Founded in 1869, by Dr. Neil Arnott, of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the medical students of the University.

By resolution of the Senate, of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations ; one in General Physics, for students of the first and second years of their Medical studies : the other for students of the third and fourth years, in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences ; that a sum of not less than Twenty-five Pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examinations.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant-Clerk of Senate ; and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught ; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 9th November, 1878, in the Examination Hall, at Three P.M. Intending candidates to give in their names to the Assistant-Clerk of Senate on or before the 31st October.

**BUCHANAN PRIZES.**—The annual proceeds of the Buchanan Bursary Fund (see p. 116) are now, with the sanction of the subscribers, applied to the purchase of Books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

**CLELAND GOLD MEDAL.**—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity and a Student of Natural Philosophy, as a Prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

**COULTER PRIZES.**—In 1787, Mr. James Coulter, Merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes, the one of £5, and the other of £2, 10s.; the former to be given in alternate years for a Sermon or Theological Essay, and for an Essay in Mental Philosophy and English Literature, the latter to be given annually for a Translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all the students of the University.

**COWAN GOLD MEDALS.**—In 1836, Dr. Cowan, of Sunderland, presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of £10, 10s. each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839), the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The Examination for Dr. Cowan's Medals will be held early in November, 1878. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal, competitors must either have received in session 1877-78 a public ticket of the Greek Class, or must, in

November, 1878, have passed as entrants the preliminary examination in Greek.

For the Latin Medal, competitors must either have received in session 1877-78 a public ticket of the Latin Class, or must, in November, 1878, have passed as entrants the preliminary examination in Latin.

Notice is hereby given that at the examination for Dr. Cowan's Medals in November, 1879, and thereafter, no one will be admitted to compete for the Greek Cowan Medal, who has attended for more than three sessions, or who after passing the preliminary examination in Greek has attended more than two sessions in any Scottish University, and no one will be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who after passing the preliminary examination in Latin has attended more than one session in any Scottish University.

**DOWANHILL PRIZES.**—Two prizes, one of £21, and the other of £10, 10s., for "Excellence in the Art of Oratory and Declamation, and in the Practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865, by Mr. John Buchanan, Merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also Merchant in Glasgow, and in order to carry out the intentions of his said brother. These Prizes are awarded annually to students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.\*

The above foundation is in memory of the late Mr. James Buchanan, of Dowanhill, of Ellison MacCallum, his wife, and of Mr. George Buchanan, of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

**EWING GOLD MEDAL.**—In 1828, James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal, to be given every second year for the best Essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

**GARTMORE GOLD MEDAL.**—In 1788, Mr. Robert Grahame, of Gartmore, presented the University with £100 for the institution of a Prize for the best Essay on any subject intimately connected with the nature, foundation, advantages, and support of Political

\* The following masters are approved by the Senate—Mr. Walter Baynham, Mr. William Moffat, Mr. Henry Cooke.

Liberty. This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The surpluses to be accumulated till a capital is formed sufficient to found a Bursary.

**THE GEORGE HARVEY PRIZE.**—Founded in 1874, by the liberality of a donor who withholds his name, in memory of the late Mr. George Harvey, of No. 9 Park Quadrant, Glasgow. Annual value, ordinarily £20, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of Applied Mechanics and Shipbuilding. Any accumulation of surplus income to be given as a second prize of £5 or £10, in the same departments.

**HENDERSON PRIZE.**—In 1850, Mr. John Henderson, of Park, Merchant in Glasgow, instituted an annual Prize of the value of £21 sterling, to be called the “Henderson Prize” for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath.

**JEFFREY GOLD MEDAL.**—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal, and continued to do so annually.

In 1849, Lord Jeffrey presented the University with the sum of £120 for a Gold Medal, to be awarded each session to the most distinguished student of the Greek Class.

**LUKE HISTORICAL PRIZE.**—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a Prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient History and Literature. The Examination to be conducted either altogether in writing, or by a combination of writing and *viva voce* questions; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an Examination in Ancient Greek and Roman History.



The next competition will be held in January, 1879. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during Session 1877-8 any Greek or Latin Class. Names of candidates to be given in to the Assistant-Clerk of Senate on or before 20th December, 1878.

**MACFARLAN AND COOK TESTIMONIAL PRIZE.**—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D., of this University, and Professor George Cook, D.D., of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

Subjects of Examination for Session 1878-9 :—

*Greek.*—Luke viii. 4—xviii. 14 ; Sophocles, *Ajax*.

*Divinity.*—Doctrine of Sin ; Hill's Lectures, Book III ; Biblical Theology ; Pauline Doctrine of Justification.

*Hebrew.*—Isaiah, xl-liii, inclusive.

*Church History.*—History of the Church of Scotland in the Sixteenth Century.

*Moral Philosophy.*—Ferrier's Lectures on Greek Philosophy.

Candidates to give in their names to the Professor of Divinity on or before the 1st November.

**MUIRHEAD PRIZES.**—In 1776, Messrs. John Muirhead of Teggatsheugh, and Peter Muirhead, Minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in the purchase of Books to be awarded as Prizes to those students attending the Humanity Class who shall be thought most deserving.

**RAE WILSON GOLD MEDAL.**—Dr. William Rae Wilson, of Kelvinbank, who died 2nd June, 1849, bequeathed the sum of £300, two-thirds of the interest of which he appointed to be applied annually to the purchase of a Gold Medal, to be bestowed on the Divinity student who shall produce the best Prize Essay on "The Life of our Adorable Redeemer, Jesus Christ, His Righteousness, Atoning Death, and that Everlasting Benefit arising from these blessings to a lost and miserable World."

**THE SCOTT-MACFARLAN GOLD MEDAL.**—Founded in 1870, by Miss Scott, daughter of the late Rev. Robert Allen Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called "the Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session; the Medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek class, Miss Scott has consented to give the "Scott-Macfarlan" Medal to the best student of the middle class.

**UNIVERSITY MEDAL.**—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

**WALKER PRIZES.**—Four Prizes (consisting of Books or Instruments), to be competed for in each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861, by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the Class of Civil Engineering and Mechanics during the current Session.

The competitors are examined orally and in writing: and two of the Prizes are awarded on the results of the written examinations; the other two by the votes of the class.

**WATT PRIZE.**—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who have completed, or who, at the end of the session in which the Prize is awarded, shall have completed a regular course of study in Languages and Philosophy, may be competitors.

#### 4. LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION 1878-9.

##### 1. BURSARIES.

The greater number of the Faculty of Arts Bursaries in the patronage of the Senate are awarded in accordance with the results of the Annual Bursary Examinations held at the commencement of the Winter Session. The various open Bursaries are awarded, according to their respective values, to those who stand highest in the List published by the Examiners. In the case of Bursaries restricted to the inhabitants of particular localities, the competitors have to undergo the same examination as those competing for open Bursaries, and the Bursaries are awarded to those students among the qualified candidates who pass the best examination. The Faculty of Arts are ready to receive at the same time for examination candidates for any local Bursaries who may be sent to them.

The examination for these Bursaries\* is combined with the Preliminary Examinations in Latin, Greek, and Mathematics, and comprises papers in Latin and Greek Grammar and Syntax,

\* The following is the list of students who distinguished themselves most highly in the Public Competition for Bursaries in November, 1877:—(The Examination questions will be found in the Calendar. \* is attached to the names of students of the second year):—1st, James W. Inglis, Glasgow Academy; 2nd, John Lee, Fettes College, Edinburgh; 3rd, Charles Steele, Ayr Academy; 4th, James Fleming, Glasgow Academy; 5th, \*James R. Watson, Parkhead Sessional School, Dennistoun Academy, and High School, Glasgow; 6th, William J. Guthrie, Glasgow Academy; \*7th, Duncan Brown, F.C. School and National School, Killin; 8-9th, Cecil J. Swan, Greenock Academy, and James Weir, Crossford School and Glasgow High School—equal; 10th \*William G. Duncan, Braemenzion School, Cortahy, and Anderson's College, Glasgow; 11-12th, Alexander Anderson, Dumbarton Burgh Academy, and William Huntly, Glasgow High School, equal; 13th, Alexander Macgill, Ardrishaig F.C. School, Rothesay Academy, and Glasgow Academy; 14th, William S. Dykes, Ayr Academy; 15th, John Fleming, Glasgow Academy; 16th, \*R. Thomson Loudon, Kay School, Kilmarnock; 17-19th, \*Alexander M. Mitchell, Lenzie Academy, Daniel L. Young, Glasgow Academy, James M. Black, Albany Academy, Glasgow, and Merchiston Castle, Edinburgh, equal; 20th-21st, \*T. E. S. Clarke, Lochmaben Public School, and Peter M'Kenna, Girvan Parish and Public Schools, and Dumbarton Burgh Academy, equal; 22nd-23rd, \*Andrew Robertson, High School, Glasgow, and Irvine Academy, and Harry C. Miller, High School, Glasgow, equal; 24th, Henry Rutherford, The Park School, Glasgow; 25-28th, Robert Bruce, Dumbarton Burgh Academy, William Butchart, Dumbarton Burgh Academy, John T. Napier, F.C. School, Uddingston, and Free St. Peter's School, Glasgow; \*Thomas H. Wilson, Galston Parish School, equal; 29-30th, Alexander J. Carlyle, private tuition, and \*Robert M'Omish, High School, Glasgow, equal; 31st, Thomas M'Glashan, Monzievaird Public School, and Morrison's Academy, Crieff; 32nd, Duncan Blair, High School, Glasgow; 33rd-34th, James D. Macdonald, Kilmaccolm Public School and Paisley Grammar School, and Matthew White, Whiteinch School, and High School, Glasgow, equal; 35-36th, William F. Paton, Glasgow Academy, and John W. Jack, Crosshill Public School, Strathblane, equal.

Latin Prose Composition, Translation of passages from ordinary Latin and Greek authors, Mathematics (see p. 86), together with questions to test general knowledge and facility of composition in English.

The examination for Bursaries in Theology is conducted by the Professors of the Theological Faculty. The examinations for Medical Bursaries and some others are subject to particular arrangements.

The following Bursaries are open to competition in November :—

FOUNDATION.	No. of Bursar- ies.	FACULTY.	Approximate Annual Value of each.	Page in Calen- dar.
Adam, John, . . . . .	3	Theology,	£15	127
Armagh, . . . . .	1	Theol., Law, or Med.,	£25	135
Ayrshire Masonic,* . . .	1	Arts,	£25	113
Biggart Memorial,* . . .	3	Arts,	£25	114
Black, . . . . .	1	Theology,	£40	128
Brand,* . . . . .	1	Arts,	£30	115
Brown or Ettles, . . . .	1	Theology,	£20	128
Buchanan,* . . . . .	1	Arts,	£20	116
Clark, John (Mile-end),*	4	Arts,	£30	117
Denny,* . . . . .	1	Any Faculty,	£30	136
Ferguson, James, . . . .	1	Any Faculty,	£70	136
Foundation,* . . . . .	1	Arts,	£10	120
Fullarton of Overton,* .	2	Arts,	£10	120
Hannay,* . . . . .	1	Arts,	£15	121
Hastie, . . . . .	2	Theology,	£20	129
Logan, . . . . .	1	Theology,	£15	129
Marshall, . . . . .	1	Theology,	£20	129
Metcalf, . . . . .	2	Arts,	£25	124
Monteith, . . . . .	1	Arts,	£16	139
Notman, . . . . .	1	Theology,	£18	129
Orr Ewing, Dumbarton- shire,* . . . . .	4	Arts,	£25	124
Patrick,* . . . . .	1	Arts,	£40	125
Rainy, . . . . .	1	Medicine,	£20	131
Stuart,* . . . . .	1	Arts,	£15	127

The examinations for the Bursaries marked \* above will commence on Tuesday, 5th November, at 10 A.M. The examinations in Latin and Greek will be held on Tuesday, November 5, and Wednesday, November 6th ; in English, on Thursday, November 7th ; in Mathematics, on Friday, November 8th.

Candidates for the Bursaries in Theology will be examined on Thursday, Friday, and Saturday, 14th, 15th, and 16th November.

To the Armagh Bursary the most distinguished Graduate in

Arts of the year, who offers himself as a candidate, is appointed by the Senate.

The examination for the James Ferguson Bursary will be held on Saturday, Wednesday, and Thursday, 2nd, 6th, and 7th November, at 10 A.M. each day ; for the Metcalfe Bursaries on Friday and Saturday, 8th and 9th November ; for the Monteith (German) Bursary at 10 A.M. on Saturday, November 9th ; and for the Rainy Bursary, on Tuesday, 22nd October.

Candidates for the Bursaries marked\*, and for the Metcalfe and Monteith Bursaries, are required to give in their names to the Assistant-Clerk of Senate, not later than 31st October ; for the James Ferguson Bursary not later than 10th October ; and for the Rainy Bursary not later than Tuesday, 1st October ; Candidates for the Bursaries in Theology, to the Clerk of Senate not later than Friday, 8th November. A schedule which is to be filled up by each candidate may be obtained from the Assistant-Clerk of Senate.

*N.B.*—In the case of any Bursary given on examination, the Senate have resolved that the Bursary will not be granted if the Examiners report that no candidate has done sufficiently well at the examination.

## 2. SCHOLARSHIPS, &c.

The following Scholarships, &c., will be open to competition in Session 1878-9 :—

FOUNDATION.	No.	OPEN TO	Approximate Annual Value of each.	Page in Calendar.
Black Theological, . .	1	Masters of Arts of Scot. Univ.,	£140	151
Clark, George A., . .	1	Do. Glas. Univ.,	£20	148
Clark, John (Mile-end),	2	Students at close of Arts Curric.,	£50	146
Eglinton, . . . . .	1	Masters of Arts of Glas. Univ.,	£100	143
Ferguson, . . . . .	3	Do. Scot. Univ.,	£80	152
Findlater, . . . . .	1	Divinity Students,	£40	147
Metcalfe, . . . . .	1	Masters of Arts with Honours of Glas. Univ.,	£100	147
Sandford, . . . . .	1	Students of Glasgow University,	£19	143
Shaw Philosophical, .	1	Masters of Arts of Scot. Univ.,	£160	153
Snell (at Oxford), . .	2	Masters of Arts, &c. of Glas. Univ.,	£132	140

For further information, see the Calendar at the pages indicated above.



## 3. PRIZES.

## I. For Essays:

1. *In Theology*, the CLELAND GOLD MEDAL, for the best Essay on "Development of the Doctrine of the Person of Christ from the time of the Reformation." All students of Divinity in this University during Session 1877-8, or Session 1878-9, may be competitors.

2. *In Mental Philosophy*, the UNIVERSITY SILVER MEDAL, for the best Essay on "The Relations of Psychology and Physiology." All Public Students in the Classes of Logic, Moral Philosophy, or English Literature, during Session 1877-8, or Session 1878-9 may be competitors.

3. The EWING GOLD MEDAL, for the best Essay on "The Rise of the Ottoman Power." All Matriculated Students of the University during Session 1878-9 may be competitors.

4. The WATT PRIZE OF TEN POUNDS, for the best Essay on "The Liquefaction of Gases." All Matriculated Students of the University in Session 1878-9, who have finished, or who on the 1st day of May, 1879, shall finish a regular course of Languages and Philosophy, may be competitors.

5. A COULTER PRIZE OF FIVE POUNDS, for the best Sermon on Luke xx, 25.

6. A COULTER PRIZE OF TWO POUNDS TEN SHILLINGS, for the best Latin Essay on "Arbitration as a mode of settling International Differences."

For the Coulter Prizes all Matriculated Students of the University during Session 1878-9 may be competitors.

7. The RAE WILSON GOLD MEDAL, for the best Essay on "The Relation of Jesus Christ to the Eschatological Ideas of his time." All Students attending the Divinity Class during Session 1877-8, or Session 1878-9; may be competitors.

8. The HENDERSON PRIZE OF TWENTY GUINEAS, for the best Essay on "The Relation of the Sabbath to the Lord's day." All Matriculated Students of the University during Session 1878-9 may be competitors.

The Essays must be given in to the Principal on or before Monday, the 2nd December, 1878, after which day none can be received. Each must be distinguished by two Mottoes, and accompanied by a sealed letter, bearing on the outside the same Mottoes, and containing a declaration, subscribed by the author,

that the Essay is entirely of his own composition. All quotations in the Essays must be carefully marked, and accurate references to their respective authorities given in the notes.

## II. For Examination :—

1. An ARNOTT PRIZE of £15 for examination in General Physics, open to students of the first and second years of their medical studies.

2. An ARNOTT PRIZE of £25 for examination in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science, open to students of the third and fourth years of their medical studies. The examination for the Arnott Prizes will be held on Saturday, 9th November, 1878, at 3 P.M. Names of candidates to be given in to the Assistant-Clerk of Senate on or before 31st October : see p. 156.

3. The GLADSTONE PRIZE. A Prize of Ten Guineas to be called the Gladstone Prize, in recognition of the eminence of the Right Hon. William Ewart Gladstone, Lord Rector of this University, as a statesman and a literary man, has been offered for an examination in English History. The competition is open to graduates in any Faculty of not more than one year's standing. Names of candidates to be given in to the Assistant-Clerk of Senate on or before 10th March.

4. The LUKE HISTORICAL PRIZE, value about £12, for the best examination in Ancient Greek and Roman History. The competition is open to all students who have attended during Session 1877-8 any Greek or Latin Class. Names of candidates to be given in to the Assistant-Clerk of Senate on or before 20th December, 1878 : see p. 159.

5. The MACFARLAN AND COOK TESTIMONIAL PRIZE of Twenty Guineas, open to Theological students of three years standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity. Names of candidates to be given in to the Professor of Divinity on or before 1st November : see p. 160.

NOTE.—The Buchanan, Cowan, Dowanhill, George Harvey, Jeffrey, Muirhead, Scott-Macfarlan, and Walker Prizes, bestowed annually, are Class Prizes, for which see Index of Prizes, p. 155.

# VI.—HONOUR LIST.

LIST OF NAMES OF GENTLEMEN WHO HAVE TAKEN DEGREES  
WITH HONOURS SINCE THE YEAR 1836.

## MASTERS OF ARTS (M.A.).

			<i>Class of Honours and Department.</i>			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1836	John Cunningham,	Scotland,	...	...	I	...
„	William Fulton,	do.,	II	II	...	...
1837	Richard Shaen,	England,	...	...	II	...
„	Thomas E. Richardson,	do.,	...	...	II	...
„	John Blair,	Ireland,	...	...	II	...
„	William Cuthel,	Scotland,	...	...	II	...
1840	Duncan H. Weir,	do.,	...	...	II	...
„	James Thomson,	do.,	...	...	II	...
„	John Buchanan,	do.,	...	...	II	...
1841	John D. Morell,	England,	II	II	...	...
„	William Arthur Jones,	Wales,	II	II	...	...
1842	Alexander Grierson,	Scotland,	...	...	II	...
„	John Davies,	England,	II	II	...	...
1843	Nathaniel Haycroft,	do.,	II	II	...	...
„	John Trafford,	do.,	II	II	...	...
„	David Duff,	Scotland,	...	...	II	...
1844	John Morgan,	do.,	...	...	II	...
„	John Thomson,	do.,	...	...	II	...
„	William T. Ker,	do.,	...	...	II	...
„	Richard Tomlinson,	England,	II	II	...	...
„	David M'Lauchlan,	Scotland,	II	II	...	...
1846	Robert Graham,	do.,	...	...	II	...
1847	William John Steele,	Ireland,	...	...	II	...
„	James Porter,	do.,	...	...	II	...
1848	Adam Milroy,	Scotland,	II	II	...	...
„	Walter D. Jeremy,	England,	II	II	...	...
1849	John Ker,	Scotland,	...	...	I	...
„	George M'Queen,	do.,	...	...	I	...
„	Henry Martyn Baker,	England,	I	I	...	...
„	John Newton Langley,	do.,	I	I	...	...
1850	Alexander Walker,	Scotland,	II	II	...	...
„	Horatio Lindsay Taplin,	England,	II	II	...	...
„	Robt. Masters Theobald,	do.,	II	II	...	...
1851	Carstairs Douglas,	Scotland,	...	...	II	...

			<i>Class of Honours and Department.</i>			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1851	Daniel Davies Jeremy,	England,	II	II	...	...
1852	Thomas Logan,	Scotland,	...	...	II	...
"	James Wylie Johnston,	do.,	II	II	...	...
1853	Chas. Abercromby Smith,	Scotland,	...	...	I	...
"	William Jack,	do.,	...	...	I	...
"	Edward Gibbs,	England,	I	I	...	...
1856	James Galbraith,	Scotland,	...	...	II	...
"	John Murray,	do.,	...	...	II	...
1857	Joseph D. Everett,	England,	II	II	I	...
"	George M. Grant,	Nova Scotia,	...	I	...	...
"	David Herbert,	Scotland,	...	II	...	...
"	Neil M'Pherson,	do.,	II	II	...	...
1858	William R. Pattison,	do.,	II	II	...	...
"	John Weir,	do.,	...	II	...	...
1859	Robert Whyte,	do.,	...	II	...	...
1860	George Porter,	do.,	II	II	...	...
"	Joseph Gardner,	do.,	...	II	...	...
"	Walter Roberts,	do.,	...	II	...	...
1861	Richard Vary Campbell,	do.,	...	I	...	...
"	Daniel Munro,	do.,	II	...	...	...
"	Peter Sinclair Menzies,	do.,	II	...	...	...
1862	John M'Lean,	do.,	II	II	...	...
"	Thomas Carruthers,	do.,	II	II	...	...
"	William Stewart,	do.,	II	II	...	...
"	George Mathieson,	do.,	...	II	...	...
"	Henry W. Bell,	India,	...	II	...	...
"	John Ferguson,	Scotland,	...	...	...	I
1863	David Thomas,	do.,	...	II	...	...
1866	John Mann,	do.,	I	...	...	...
"	John Fergusson,	do.,	...	II	...	...
1867	William E. Grigsby,	England,	II	...	...	...
"	James Smith,	Scotland,	...	...	I	...
"	William Ross,	do.,	...	...	II	...
1868	Robert Stewart,	do.,	...	I	...	...
"	John Wilson,	do.,	...	I	...	...
1869	Favour James Greg,	do.,	...	I	...	...
"	Adam Semple,	do.,	...	I	...	...
"	Joseph Loudon,	do.,	...	...	II	...
"	James M'Intosh,	do.,	...	I	...	...
1870	John Cross,	U. S. A.,	I	I	...	...
"	Matthew M. Dickie,	England.	II	I	...	...
"	James Orr,	Scotland,	...	I	...	...
"	Robert A. Sinclair,	do.,	...	II	...	...
"	James D. H. Dickson,	do.,	...	...	II	...
"	Dugald M'Kichan,	do.,	...	...	II	...

			<i>Class of Honours and Department.</i>			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1871	William S. Fleck,	Scotland,	...	I	...	...
„	William Oliver,	Wales,	...	II	...	...
„	John E. H. Thomson,	Scotland,	...	II	...	...
„	Colin R. M'Clymont,	do.,	...	I	...	...
„	Charles S. Dickson,	do.,	...	II	II	...
1872	William Hamilton,	do.,	...	I	...	...
„	John Watson,	Scotland,	...	I	...	...
„	Zachary M. H. Ross,	do.,	...	II	...	...
„	Archibald Russell,	do.,	...	II	...	...
„	William G. Miller,	do.,	...	...	II	...
„	John M. Brown,	do.,	...	I	...	...
„	Alexander S. Macphee,	do.,	...	I	...	...
„	James C. MacTaggart,	do.,	...	...	I	...
„	James Henderson,	do.,	...	...	II	...
1873	William Bathgate,	do.,	I	...	...	...
„	John M'Cunn,	do.,	...	I	...	...
„	T. Lindsay Galloway,	do.,	...	...	I	...
„	David Hunter,	do.,	II	I	...	...
„	Robert Harvey,	do.,	I	...	...	...
„	Thomas H. Miller,	do.,	...	...	I	...
„	Buchanan Blake,	do.,	...	II	...	...
„	James Arthur,	do.,	...	...	II	...
1874	James Bonar,	do.,	I	I	...	...
„	James G. Fraser,	do.,	I	...	...	...
„	Alexander F. Fraser,	do.,	...	I	...	...
„	John Wilson Reid,	do.,	I	...	II	...
„	Colin Campbell,	do.,	II	I	...	...
„	James Thomson,	do.,	...	I	...	...
„	Hugh Hart Currie,	do.,	II	...	...	...
„	James MacKay,	do.,	II	...	...	...
1875	Benj'n F. C. Costelloe,	Ireland,	II	I	...	...
„	William Yuill King,	Scotland,	I	...	...	...
„	William Patrick,	do.,	...	I	...	...
„	John Patrick,	do.,	II	...	...	...
„	James S. Russell,	do.,	...	...	I	...
„	John C. Watt,	do.,	...	...	I	...
„	John B. Douglas,	England,	II	...	...	...
„	Neil D. MacLachlan,	Scotland,	...	II	...	...
„	James Johnston Dobbie,	do.,	...	...	...	I
1876	James Lambie,	do.,	...	I	...	...
„	Ebenezer B. Speirs,	do.,	...	I	...	...
„	Islay F. Burns,	do.,	II	...	...	...
„	Robert MacLehose,	do.,	...	II	...	...
„	Joseph Conn,	do.,	...	...	II	...
„	Robert H. Pinkerton,	do.,	...	...	II	...



			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1876	David Wilson,	Scotland,	...	...	II	...
„	John P. Mitchell,	do.,	...	I	...	...
„	William M. Rankin,	do.,	...	I	...	...
„	Andrew Gray,	do.,	...	...	II	...
1877	Wallace M. Lindsay,	do.,	I	II	...	...
„	Alexander S. Wilson,	do.,	...	...	...	I
„	James Kidd,	do.,	...	I	...	...
„	Thomas B. Kilpatrick,	do.,	...	I	...	...
„	Mungo W. M'Callum,	do.,	...	II	...	...
„	William Allan,	do.,	...	...	II	...
„	James Arthur,	do.,	...	...	II	...
1878	Robert Mackintosh,	do.,	II	I	...	...
„	John Edgar,	do.,	I	...	...	...
„	John M. Dodds,	do.,	...	...	I	...
„	David W. Forrest,	do.,	...	II	...	...

### BACHELORS OF ARTS (B.A.)

			Classics.	Mental Philosophy.
1838	William M'Kellar,	Scotland, .....	II	...
„	Francis Tucker,	England, .....	II	...
1852	Samuel Crusha Sarjant,	do., .....	I	I
1856	David Johnston,	do., .....	...	II
1857	Andrew Moody,	Scotland, .....	...	II
„	William T. Johnston,	do., .....	I	...
1858	John MacLeod,	do., .....	...	I
1861	Thomas Robinson,	England, .....	...	II

### DOCTORS OF MEDICINE (M.D.). HONOURS.

1845	Alexander Lindsay,	Scotland.	1849	Robt. Brown M'Clelland,	Ireland.
„	James Craigie Murray,	do.	„	Thomas Nicholson,	Scotland.
„	Francis Reynolds,	Ireland.	„	Robert Settle,	England.
„	John Brown,	Scotland.	„	Richard Thomas Tracy,	Ireland.
„	John Gardiner,	do.	„	Matthew John Rae,	Scotland.
„	Donald Cameron,	Isle of Man.	1850	John Ternan,	Ireland.
„	Adam Nicholson,	Scotland.	„	John Henry Eddowes,	England.
„	John Duke,	Ireland.	„	James Brash,	Scotland.
1847	William Parry,	Wales.	1851	Alexander Marshall,	do.
„	Robert Livingstone,	Scotland.	„	Andrew Spearing,	Ireland.
„	Alexander B. Sharpe,	do.	„	James B. Montgomery,	England.
1848	Charles H. Hitchen,	England.	„	Robert Perry,	Scotland.
„	James Steven,	Scotland.	„	John Watson, B.A.,	do.
„	John Coates,	Ireland.	1853	John Ritchie Brown,	do.

1853	Charles D. Campbell,	Ireland.	1861	William Marshall,	America.
"	Richard Stanistreet,	do.	"	John M. Murray,	Scotland.
"	David Knox,	do.	1862	James A. Allan,	do.
1854	John Lindsay Stewart,	Scotland.	1863	Robert M'K. Duncan,	do.
"	James Fraser Paton,	do.	"	George M'Donald,	do.
"	David Easton,	Ireland.	"	Samuel J. Moore,	Ireland.
1855	William Leishman,	Scotland.	"	William Fraser,	Nova Scotia.
"	William J. Lewis, New Brunswick.		"	T. Algernon Chapman,	Scotland.
"	Alexander Robertson,	Scotland.	"	Algernon Wood Smith,	do.
1857	Thomas Beaumont,	Ireland.	"	John P. Atkinson,	England.
"	Joseph M. Fleming,	Scotland.	1864	John Wyber,	Scotland.
"	Maxwell Rodgers,	Ireland.	"	J. G. Wilson, M.A.,	do.
1858	John Couper,	Scotland.	1867	Fred. H. Quaife, M.A.,	Sydney, N.S.W.
"	Thomas M'Call Anderson,	do.	1876	William Gardner, M.B.,	England.
1859	Daniel Dougal,	do.	1877	William Y. Turner, M.B.,	Scotland.

## BACHELORS OF MEDICINE (M.B.). HONOURS.

1866	Robert W. Forrest,	Scotland.	1871	John Aikman,	Scotland.
"	Henry T. Pringle,	do.	1872	John D. Macdonald,	do.
1867	Ebenezer Duncan,	do.	"	Samson Gemmell,	do.
"	Joseph Coats,	do.	1876	Geo. S. Middleton, M.A.,	do.
"	James Finlayson,	do.	"	Richard B. Macpherson,	do.
1868	Thomas Barr,	do.	1877	Johan B. Knobel,	Africa.
"	William MacLachlan,	do.	"	Donald Macphail,	Scotland.
"	Angus Macmillan,	do.	"	John Carlyle Johnstone,	do.
1869	James Coats,	do.	"	Edward D. M. Mackellar,	do.
1871	David Wilkie,	do.			

## VII.—DEGREE AND PRIZE LIST.

### LIST OF DEGREES

CONFERRED IN THE SEVERAL FACULTIES, AND OF PRIZES AND  
CERTIFICATES OF HONOUR AWARDED IN THE SEVERAL  
CLASSES OF THE UNIVERSITY, DURING SESSION 1877-78.

#### DOCTORS OF DIVINITY.

- Rev. George M. Grant, M.A., Principal and Primarius Professor of  
Divinity, Queen's College, Kingston, Canada.  
Rev. James Brown, Minister of St. James' St. U.P. Church, Paisley.  
Rev. James Rankin, M.A., Minister of Muthill.

#### BACHELORS OF DIVINITY.

- Norman M. Macfie, M.A., Scotland  
Robert Montgomery, M.A., Scotland  
Duncan Morrison, M.A., Scotland  
Walter William Coats, M.A., Scotland  
Neil MacKay, M.A., Scotland  
Neil D. MacLachlan, M.A., Scotland  
William Patrick, M.A., Scotland  
William Stuart, M.A., Scotland  
Peter Hately Waddell, M.A., Scotland

#### DOCTORS OF LAWS.

- James D. Marwick, Esq., Town-Clerk, Glasgow  
James Hedderwick, Esq., Glasgow

#### DOCTORS OF MEDICINE.

- |   |                                    |
|---|------------------------------------|
| Turner, William Young, M.B., Scotland (Medal) |                                    |
| Bankier, George H. S. J., M.B., England       | M'Naughtan, John, M.B., Scotland   |
| Beckett, John, M.B., Scotland                 | Robertson, John A., M.B., Scotland |
| Craig, Archibald, M.B., Scotland              | Smith, Alex. Muir, M.B., Scotland  |
| Dutt, Behary Lall, M.B., India                | White, James Walls, Scotland       |
| Anderson, Wm. S., M.B., Scotland              | Miller, John L., Ireland           |
| Findlay, Wm., M.B., Scotland                  | Service, John, M.B., Scotland      |
| Hall, Andrew J., M.A., M.B., Scotland         |                                    |

## BACHELORS OF MEDICINE AND MASTERS IN SURGERY.

Anderson, William H., Scotland  
 Baird, John, Scotland  
 Barr, John, Ireland  
 Borland, John, Scotland  
 Buchan, George, Scotland  
 Clerk, Archibald, Scotland  
 Croker, Patrick A., Canada  
 Doyle, Edward A., Wales  
 Dun, William G., Scotland  
 Hastie, Thomas, Australasia  
 Hutchinson, John, Ireland  
 Johnstone, John Carlyle, Scotland  
 Lindsay, John F., Scotland  
 Livera, Edwin de, Ceylon  
 M'Cracken, John, Scotland  
 MacKay, Archibald, Scotland  
 M'Kellar, Edward D. M., Scotland  
 M'Rae, Donald, Scotland

MacRury, John, Scotland  
 Morison, Donald, Scotland  
 Mungall, Andrew, Scotland  
 O'Neil, Daniel Joseph, Scotland  
 Orr, A. B. S., Scotland  
 Pritchard, Ernest James, England  
 Rankin, Alexander, Scotland  
 Robertson, James S., Scotland  
 Ross, William, Scotland  
 Shand, John Cappie, Scotland  
 Smith, Campbell S., Scotland  
 Taylor, David, Scotland  
 Thomas, Maurice, Wales  
 Thompson, James A. B., Ireland  
 Waddell, Arthur R., Scotland  
 Wallace, William, Scotland  
 Woolley, Samuel P., England.

---

Shaw, Wm. John, Scotland

---

## BACHELORS OF MEDICINE.

Parker, James, Scotland

| Smith, David Turnbull, Scotland

---

## MASTER IN SURGERY.

William Arthur, M.D., Scotland.

---

The following Gentlemen were named as entitled to Honours, to High Commendation, and to Commendation, on account of distinguished merit at the various examinations for the degrees of M.B. and C.M. :—

### I. HONOURS.

John Carlyle Johnstone

|

Edward D. M. Mackellar

### II. HIGH COMMENDATION.

John M'Cracken

|

Arthur R. Wadde

### III. COMMENDATION.

John Baird

|

William G. Dun

|

Archibald Mackay

## MASTERS OF ARTS.

## HONOURS.

*With First Class Honours in Mental Philosophy, and Second Class Honours in Classics.*

Robert Mackintosh, Scotland

*With First Class Honours in Classics.*

John Edgar, Scotland

*With First Class Honours in Mental Philosophy.*

James Kidd, Scotland

Thomas B. Kilpatrick, Scotland

*With First Class Honours in Mathematics and Natural Philosophy.*

John M. Dodds, Scotland

*With Second Class Honours in Mental Philosophy.*

Mungo Wm. M'Callum, Scotland

David Wm. Forrest, Scotland

*With Second Class Honours in Mathematics and Natural Philosophy.*

William Allan, Scotland

James Arthur, Scotland

## ORDINARY DEGREE.

George F. Allan, Scotland  
Donald Connell, Scotland  
Archibald Craig, Scotland  
James Erskine, Scotland  
James T. Ferguson, Scotland  
William Fulton, Scotland  
Henry Harries, Wales  
George Hunter, Scotland  
John Jardine, Scotland  
Charles S. MacAlpine, Scotland  
Duncan M'Arthur, Scotland

William M'Clure, Scotland  
Herbert J. H. Mackay, Scotland  
James Main, Scotland  
James Macgregor Malloch, Scotland  
William Morrison, Scotland  
Andrew D. Murphy, Scotland  
John Reid, Scotland  
John Smith, Scotland  
William Smith, Scotland  
William Swanston, Scotland  
Robert Welsh, Scotland

William Bryce, Scotland  
Alexander Buchanan, Scotland  
James Clark, Scotland  
Wm. M. Clow, Scotland  
Thomas Cross, Scotland  
Wm. A. Davidson, Scotland  
Andrew B. Dickie, Scotland  
William Dryburgh, England  
Matthew P. Fraser, Scotland  
Matthew H. Gardiner, Scotland  
Robert Hay, Scotland  
Thomas E. Jubb, England  
Robert Kemp, Scotland

Alexander Macarthur, Scotland  
James Marshall, Scotland  
David Miller, Scotland  
Thomas C. Pitt, Scotland  
Henry A. Roxburgh, Scotland  
Robert B. Shearer, Scotland  
Peter C. Smith, Scotland  
Patrick Smith, Scotland  
Robert R. Spark, Scotland  
William Stevenson, Scotland  
Robert T. Struthers, Scotland  
Andrew N. Sutherland, Scotland

## BACHELORS OF SCIENCE.

## IN ENGINEERING SCIENCE.

Thomas Gray, Scotland

Alexander M'Lay, C.E.



# CERTIFICATE OF PROFICIENCY IN ENGINEERING SCIENCE.

Archibald Barr, Scotland  
James A. Clarke, Scotland  
Reisaku Masuda, Japan  
Robert F. Muirhead, Scotland  
Daniel Peebles, Scotland

Walter Shellshear, England  
James M. Viehoff, Holland  
Naosada Taniguchi, Japan  
Robert Wotherspoon, Scotland

## EXAMINATION FOR CANDIDATES FOR THE ARMY.

Ronald Macfarlane

## DEPARTMENTAL CERTIFICATES.

### I.—FOR DEGREE OF B.D.

#### 1. IN DIVINITY AND CHURCH HISTORY.

Robert Montgomery, M.A.  
Duncan Morrison, M.A.  
George Parkin, M.A.

William Auld, M.A.  
William Brownlie, M.A.  
Peter Carmichael, M.A.  
Walter W. Coats, M.A.  
John F. Daly, M.A.

Neil MacKay, M.A.  
Neil D. MacLachlan, M.A.  
William Patrick, M.A.  
James K. Scott, M.A.  
William Smith, M.A.  
Ebenezer B. Speirs, M.A.  
William Stuart, M.A.  
Peter Hatley Waddell, M.A.

#### 2. IN HEBREW AND BIBLICAL CRITICISM.

Walter W. Coats, M.A.  
Norman M. Macfie, M.A.  
Neil MacKay, M.A.

Neil D. MacLachlan, M.A.  
William Patrick, M.A.  
Peter Hatley Waddell, M.A.

### II.—FOR DEGREE OF M.A.

#### 1. IN CLASSICAL LITERATURE.

Allan, Arthur  
Bain, James Alexander  
Bain, Richard W. K.  
Bankier, Patrick M.  
Barr, Robert  
Barry, John C.  
Beveridge, Wm. W.  
Bonar, Thomas Y.  
Bonnar, John  
Brock, Walter P.  
Bryce, James H.  
Buchanan, Niel  
Cairns, Andrew  
Davidson, Mark G.  
Dean, John  
Denney, James  
Findlay, Arthur  
Freebairn, William

Gardiner, Charles  
Geddes, Robert J.  
Gibson, James D. W.  
Glover, Matthew  
Granger, William  
Hamilton, James  
Hinshelwood, James  
Jones, Evan Ceredig  
Ker, Charles  
Leys, George M.  
Love, John  
M'Arthur, Lorne C.  
M'Callum, Archibald  
Macdonald, Farquhar  
M'Laren, Walter G.  
M'Lean, Hector  
M'Nicol, Duncan C.  
M'Phail, James M.

Manuel, David G.  
Murphy, Andrew D.  
Osborne, Alexander  
Paton, Wm. H.  
Pulsford, Wm. H.  
Rodger, James  
Small, Frank W.  
Smith, David  
Smith, Wallace  
Smith, William  
Symington, Alex. B.  
Theophilus, David  
Thomson, Thomas R.  
Warner, Robert  
Wilson, James  
Wilson, John  
Younger, Robert T.

Alexander, Andrew  
 Alexander, William M.  
 Andrew, Robert  
 Ashcroft, Francis  
 Brown, Duncan  
 Clark, Thomas E. S.  
 Crerar, Peter D.  
 Dove, Patrick E.  
 Duff, James K.  
 Duncan, William G.  
 Dykes, Alexander B.  
 Edgar, John  
 Guy, John C.

Harvey, James  
 Higgins, James C.  
 Howe, William  
 Huntly, William  
 Kemp, Robert  
 Kennedy, John  
 Lloyd, James H.  
 Loudon, Robert T.  
 M'Clellan, Alexander  
 M'Clure, Alexander L.  
 MacKenzie, John S.  
 MacKinnon, Charles  
 MacLachlan, John B.

M'Omish, Robert  
 Marr, Donald M.  
 Mitchell, Alexander M  
 Reid, William  
 Reyburn, Hugh Y.  
 Riddick, Samuel M.  
 Rutherford, Henry  
 Slater, Peter F.  
 Steele, Charles  
 Struthers, John  
 Walsh, Walter  
 Wilson, William W.

## 2. IN MENTAL PHILOSOPHY.

Craig, Archibald  
 Freebairn, John B.  
 Fulton, William  
 Isdale, Alexander  
 Kemp, Robert  
 Kidd, James  
 Kirkland, James

Macalpine, Charles S.  
 Macdonald, Edward E.  
 Mackintosh, Robert  
 Macrae, Isaac W. L.  
 Malloch, James M.  
 Martin, William  
 Millar, Alexander

Muirhead, Lewis A.  
 Nimmo, William C.  
 Powrie, David James  
 Reid, John  
 Smith, John  
 Struthers, Robert T.  
 Welsh, Robert

Alexander, Robert  
 Bankhead, William T.  
 Bonnar, John  
 Boyd, Archibald  
 Brewster, George  
 Bryce, William  
 Buchanan, Alexander  
 Buchanan, Neil  
 Caddell, James  
 Calder, William W.  
 Campbell, James  
 Clark, James  
 Clark, Francis William  
 Cross, Thomas  
 Cumming, Alexander N.  
 Dickie, Andrew B.  
 Downie, John  
 Dryburgh, William  
 Edgar, John  
 Forrest, David W.  
 Fraser, Matthew P.  
 Fullarton, John H.  
 Gardiner, Matthew H.

Grant, Alexander D.  
 Guthrie, James  
 Halley, George  
 Harvey, Daniel  
 Hay, Robert  
 Houston, James Edward  
 Jones, Henry  
 Lawrie, William J.  
 Lindsay, Thomas  
 M'Aulay, David  
 M'Connan, Alexander C.  
 Macfarlane, Donald  
 Macgregor, George  
 M'Gregor, James B.  
 Macindoe, William L.  
 M'Kechnie, James  
 M'Kenzie, Angus C.  
 M'Laren, Walter G.  
 MacLehose, James John  
 Matheson, Hugh  
 Menzies, Thomas J.  
 Miller, Hugh

Mitchell, George A.  
 Nisbet, Thomas  
 Ramsay, Thomas  
 Ray, James  
 Ross, Alexander  
 Rutherford, Andrew  
 Scott, Arthur T.  
 Scott, John  
 Simpson, Richard  
 Smith, Peter C.  
 Snodgrass, William  
 Spark, Robert R.  
 Steele, William C.  
 Steuart, John W.  
 Stewart, Alexander  
 Stewart, James S.  
 Thomson, James  
 Walker, Alexander  
 Walker, Hugh  
 Wellwood, John  
 Woodside, David  
 Wylie, William S.

## 3. IN MATHEMATICS.

Allan, William  
 Arthur, James  
 Buchanan, Alexander  
 Connell, Donald  
 Craig, Archibald  
 Dodds, John M.  
 Erskine, James  
 Ferguson, James T.

Hay, Robert  
 Isdale, Alexander  
 Jardine, John  
 Kilpatrick, Thomas B.  
 M'Arthur, Duncan  
 M'Clure, William  
 Macgregor, Donald  
 Mackay, Herbert J. H.

Main, James  
 Nivison, James  
 Smith, John  
 Stuart, John  
 Sutherland, Andrew N  
 Swanston, William  
 Walker, Hugh

Adam, David S.  
 Baird, David  
 Bankhead, Wm. T.  
 Clark, James  
 Clark, Francis W.  
 Clow, Wm. M.  
 Crawford, Gavin  
 Davidson, Wm. A.  
 Davison, Wm. H.  
 Dods, George  
 Downie, John  
 Drummond, Robert J.  
 Forrest, David Wm.  
 Gardiner, Matthew H.

Glover, Matthew  
 Guy, John C.  
 Henderson, Alex. C.  
 Hislop, Wm. S.  
 Jubb, Thomas E.  
 Kean, Wm.  
 Kirkland, James  
 Macarthur, Alex.  
 M'Conchie, Wm. G.  
 Macmeeken, James  
 M'Millan, Donald  
 Marshall, James  
 Miller, David  
 Mitchell, Alexander

Mitchell, George A.  
 Napier, George G.  
 Pitt, Thomas C.  
 Roxburgh, Henry A.  
 Shearer, Robert B.  
 Smith, Patrick  
 Spark, Robert R.  
 Stevenson, Wm.  
 Struthers, Robert T.  
 Theophilus, David  
 Watson, Alex. C.  
 Yarrow, Rob. K.  
 Young, Robert B.

### III.—FOR DEGREES OF LL.B. & B.L.

#### 1. IN LATIN.

Cameron, James  
 Smith, John S. W.  
 Smith, Thornton G.

Somerville, Graham L.  
 Robertson, William

#### 2. IN LOGIC.

Stewart, Thomas W.  
 ———  
 Bennie, Thomas  
 Cameron, James W.  
 Carrick, Samuel M.

Lochhead, James  
 Smith, John S. W.  
 Smith, Thornton G.  
 Steuart, John W.  
 Wylie, Archibald D.

#### 3. IN MORAL PHILOSOPHY.

Bannatyne, James  
 Brewster, William  
 Campbell, George  
 Hoggan, John  
 M'Credie, Robert

Napier, Lawrence T.  
 Paterson, John S.  
 Smith, William  
 Sneddon, Andrew M.  
 Steuart, John W.

#### 4. IN ENGLISH LITERATURE.

Brewster, William  
 MacKechnie, John M.  
 ———  
 Carrick, James S.  
 Guy, Robert

Hoggan, John  
 Somerville, Graham L.  
 Smith, Thornton G.  
 Sneddon, Andrew M.  
 Steuart, John W.

#### 5. IN FRENCH.

Campbell, Alexander  
 Smith, John S. W.

MacKechnie, J. M.  
 Pithie, Michael

## IV.—FOR DEGREE OF B.Sc.

## 1.—IN LATIN AND GREEK.

Bain, James A.  
Barr, Robert L.  
Geddes, Robert J.

Manuel, David G.  
Dove, Patrick E.

## 2.—IN LATIN.

Blackie, Walter W.

Adams, John

## 3.—IN LOGIC.

Martin, Wm.  
Struthers, Robert T.  
Alexander, Thomas C.  
Allan, James  
Blackie, Walter W.  
Brown, Matthew T.  
Brown, William M.  
Fullarton, John H.

M'Kenzie, Angus C.  
M'Laren, Walter G.  
Masuda, Reisaku  
Menzies, Thomas J.  
Mitchell, George A.  
Rodgersson, Wm. P.  
Taniguchi, Naosada  
Thomson, James  
Weir, Thomas D.

## 4.—IN MORAL PHILOSOPHY.

Martin, William  
Struthers, Robert T.  
Fullarton, John H.  
M'Laren, Walter G.

Menzies, Thomas J.  
Mitchell, George A.  
Thomson, James  
Viehoff, James M.

## 5.—IN ENGLISH LITERATURE.

Dawbarn, Gilbert J.  
Galbraith, Robert S.  
King, Charles G.  
Martin, William  
Struthers, Robert T.  
Adamson, John  
Alexander, Thomas, C.E.  
Allan, James

Brown, Wm. M.  
Faichney, Alexander M.  
Fullarton, John H.  
M'Kenzie, Angus C.  
M'Laren, Walter G.  
Menzies, Thomas J.  
Mitchell, George A.  
Thomson, James

## 6.—IN MATHEMATICS.

Alexander, Thomas (E.D.)  
Barr, Archibald (,,)  
Blackie, Walter W. (G.D.)  
Mitchell, Alexander (E.D.)

M'Lay, Alexander (E.D.)  
Mitchell, George A. (G.D.)  
Muirhead, Robert F. (E.D.)  
Struthers, Robert T. (B.D.)  
James Viehoff, M. (E.D.)

## 7.—IN NATURAL PHILOSOPHY.

Alexander, Thomas (E.D.)	M'Lay, Alexander (E.D.)
Masuda, Reisaku ( " )	Mitchell, Alexander (B.D.)
Taniguchi, Naosada ( " )	Mitchell, George A. (G.D.)
Brown, Matthew T. (E.D.)	Muirhead, Robert F. (E.D.)
M'Kenzie, Colin (B.D.)	Struthers, Robert T. (B.D.)

## 8.—IN GEOLOGY.

M'Lay, Alexander (E.D.)	Young, John (G.D.)
Galbraith, Robert S. (E.D.)	Gray, Thomas (E.D.)

## 9.—IN ZOOLOGY.

Matthews, David  
 Young, John (G.D.)  
 Steven, John L. (B.D.)

## 10.—IN GEODESY.

Brown, Matthew T. (E.D.)	Macrae, Donald (E.D.)
Galbraith, Robert S. (E.D.)	Morgan, Charles W. ( " )
Alexander, Thomas, C.E. (E.D.)	Muirhead, Robert F. ( " )
M'Lay, Alexander (E.D.)	Wilson, John L. ( " )
	Wright, Robert J. ( " )

## 11.—IN ANATOMY.

Thomson, Robert S. (B.D.)

## 12.—IN BOTANY.

Steven, John I. (B.D.)

## 13.—IN CHEMISTRY.

Galbraith, Robert S. (E.D.)	Rivero, Juan G. (E.D.)
Gray, Thomas ( " )	Rodgers, Wm. P. (G.D.)
Miller, Wm. M. ( " )	Simpson, Robert (E.D.)
M'Lay, Alexander ( " )	Thomson, Robert S. (B.D.)
	Young, John (G.D.)

## 14.—IN CIVIL ENGINEERING AND MECHANICS.

Alexander, Thomas, C.E.

Brown, Matthew T.	Weir, Thomas D.
Muirhead, Robert F.	Wilson, John L.
Viehoff, James M.	

## 15.—IN OFFICE AND FIELD WORK IN ENGINEERING.

Brown, Matthew T.	Weir, Thomas D.
Couper, Sinclair	Wilson, John L.
Muirhead, Robert F.	Wyper, William
Viehoff, James M.	



## UNIVERSITY PRIZES.

1. IN NATURAL PHILOSOPHY, the CLELAND GOLD MEDAL, for the Best "Experimental Determination of Magnetic Moments in Absolute Measure."

Thomas Gray, Partick.

2. IN MENTAL PHILOSOPHY, the UNIVERSITY SILVER MEDAL, for the Best Essay on "Sextus Empiricus—the value of his Sceptical Criticism of Philosophy and Science."

Alexander Neilson Cumming, Glasgow.

3. The WATT PRIZE OF TEN POUNDS for the Best Essay "On Water Pressure and the Measurement of Running Water."

James Thomson, Glasgow College.

4. A COULTER PRIZE OF FIVE POUNDS for the Best Essay on "The Grounds and Limits of Judicial Punishment."

Thomas F. Reid, Paisley.

5. A COULTER PRIZE OF TWO POUNDS TEN SHILLINGS for the Best Translation, with Notes, of the Speech of Lysias *Against Eratosthenes*.

Patrick Henderson Aitken, Nottingham.

6. The RAE WILSON GOLD MEDAL for the Best Essay on "The Relation of Jesus Christ to the Messianic Ideas of His Time."

Walter William Coats, B.D., Glasgow.

7. The HENDERSON PRIZE OF TWENTY GUINEAS for the Best Essay on "The Sabbath in the time of Constantine the Great."

Peter Hatcly Waddell, B.D., Glasgow.

8. The MACFARLANE AND COOK TESTIMONIAL PRIZE OF TWENTY GUINEAS for an Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

William Brownlie, M.A.

## ARNOTT PRIZE.

## JUNIOR DIVISION.

John M. Young, M.A.

*CLASS PRIZES.**Faculty of Theology.*

## DIVINITY.

## SENIOR DIVISION.

## I. For General Eminence.

1. John Rudge Wilson, M.A., Glasgow
2. Peter Hatcly Waddell, B.D., Glasgow
3. Walter William Coats, B.D., Glasgow
4. William Smith, M.A., Glasgow
5. Robert B. Pattie, M.A., Perth.

## II. For Written Examinations.

1. John Rudge Wilson, M.A.
2. Walter William Coats, B.D.
3. Robert B. Pattie, M.A.
4. Peter Hatcly Waddell, B.D.

John Henderson, Esq., of Carrickarden, having given £50 as a prize or prizes for the Composition and Delivery of a Sermon, prizes were assigned to

1. John Rudge Wilson, M.A.
2. { Walter William Coats, B.D. } Equal  
    { Robert B. Pattie, M.A. }

Dowanhill Prizes of £21 and £10, 10s., for Elocution.

1. James Cornwall Brown, Airdrie
2. John Colquhoun Thomson, M.A., Glasgow

## JUNIOR DIVISION.

## I. For General Eminence.

1. James Arthur, M.A., Shields, Airdrie
2. John Smith, M.A., Tollcross

## II. For Written Examinations.

1. James Arthur, M.A.
2. John Smith, M.A.

## DIVINITY AND BIBLICAL CRITICISM.

### I. For General Eminence :

#### SENIOR DIVISION.

1. Peter Hatcly Waddell, B.D., Glasgow
2. William Smith, M.A., Pollokshaws
3. Robert Paisley, St. Ninians

#### JUNIOR DIVISION.

1. Robert B. Pattie, M.A., Glasgow
2. Joseph Conn, M.A., Kilwinning
3. John Taylor, M.A., Bathgate

### II. For Essays and Written Examinations :

1. Peter Hatcly Waddell, B.D.
2. Robert B. Pattie, M.A.

## ECCLESIASTICAL HISTORY.

### I. Prizes Awarded by the Votes of the Students.

#### SENIOR DIVISION.

1. Peter Hatcly Waddell, B.D., Glasgow
2. Walter W. Coats, B.D., Glasgow
3. William Brownlie, M.A., Glasgow

#### JUNIOR DIVISION.

1. James Arthur, M.A., Shields, Airdrie
2. John Smith, M.A., Tollcross, Glasgow

### II. Prizes for Examination Papers and Essays.

#### SENIOR DIVISION.

1. Walter W. Coats, B.D.
2. { William Brownlie, M.A. } Equal  
    { P. H. Waddell, B.D. }

#### JUNIOR DIVISION.

1. James Arthur, M.A.
2. John Smith, M.A.

## HEBREW.

#### MIDDLE CLASS.

### I. Prizes determined by the Votes of the Class.

1. James Arthur, M.A., Shields, Airdrie
2. Joseph Conn, M.A., Kilwinning, Ayrshire
3. Peter Carmichael, M.A., Glasgow

## II. For Excellence in Written Exercises.

James Arthur, M.A.

## JUNIOR CLASS.

## I. Prizes determined by the Votes of the Class.

1. Donald Maccallum, Craignish, Argyllshire
2. William Kean, Rothesay
3. Charles S. Macalpine, M.A., Castlehead, Paisley
4. John Smith, M.A., Tollcross
5. James Speirs, Glasgow

## II. For Excellence in Written Exercises.

Donald Maccallum.

---

Faculty of Law.

---

CIVIL LAW.

## HONOUR LIST.

## For Eminence in the Class Examinations :

*First Class Honours.*

1. \*Robert H. Pirie, M.A.
2. James C. Bishop, M.A.
3. Charles A. Paterson, M.A.

*Second Class Honours.*

4. William P. Fullerton, M.A.
5. Hugh Walker
6. William Walker
7. David C. Leck, M.A.

---

SCOTCH LAW.

## HONOUR LIST.

## I. For Eminence in the Examinations during the Session :

*First Class Honours.*

- |                           |                        |         |
|---------------------------|------------------------|---------|
| 1. *James C. Bishop, M.A. | 9. John Hood           |         |
| 2. *Alexander Donald      | 10. Alexander Macindoe | } Equal |
| 3. *John Mair             | James F. Anderson      |         |
| 4. *Hugh Walker           | 12. John Morris        |         |
| *Hugh Moncrieff           | 13. James Williamson   | } Equal |
| *Robert B. Young          | Colin Brown            |         |
| 7. Thomas Gilfillan       | 15. Thomas F. Reid     | } Equal |
| 8. Richard Steel          | James R. Orr           |         |

The \* designates the Prizemen.

*Second Class Honours.*

17. John C. Allan	} Equal	25. Peter L. Miller
John B. MacLachlan		26. James S. Campbell
19. James M. Malloch, M.A.		27. David Mudie
20. James F. Roxburgh, M.A.		28. John Hodgart
21. Herbert J. H. Mackay, M.A.		29. William Balfour
22. John Murray	} Equal	
Alex. M'Lennan		
John G. Blyth, M.A.		

II. The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Special Written Examination on the subjects of the Course were awarded to—

1. James C. Bishop, M.A.	} Equal	3. Hugh Moncrieff
2. Hugh Walker		Thomas Gilfillan

The following Students distinguished themselves in this Examination :

1. Alexander Donald	} Equal	4. Alexander Macindoe	} Equal
John Mair		5. Robert B. Young	
Richard Steel		Thomas F. Reid	

## CONVEYANCING.

## HONOUR LIST.

I. For Eminence in the Ordinary Class Examinations during the Session :

1. *Charles A. Paterson, M.A.	} Equal	8. George Dunlop	} Equal
2. *W. P. Fullerton		William Kidston	
*James Macdonald		William Niven	
3. *G. M. Arthur	} Equal	Francis Rae	
4. *Robert Graham		William Robertson	
*James Tweeddale		John G. Sewell	
5. John Silver		9. Archd. Craig, M.A.	} Equal
6. James Glen, M.A.		Robert Crawford	
7. James Marshall		John Scott	
		D. C. Leck	
		J. D. Ramsay	
		10. John Jackson	} Equal
		W. M'Conachie	
		James Stevenson	

The asterisk denotes the Prizemen. The names of the bracketted men are arranged alphabetically.



II. The Prizes given by the Faculty of Procurators in Glasgow, for Eminence in a Written Examination on the Completion of Titles in Feudal and Burgage Conveyancing were awarded as follows, viz.:

- |                         |         |
|-------------------------|---------|
| 1. G. M. Arthur         |         |
| 2. James Glen, M.A.     |         |
| James Macdonald         | } Equal |
| James Silver            |         |
| 3. C. A. Paterson, M.A. |         |
| 4. William Robertson    |         |

The following gentlemen distinguished themselves in this Examination :

- |                    |         |                    |         |
|--------------------|---------|--------------------|---------|
| 1. *John G. Sewell | } Equal | 4. John Jackson    | } Equal |
| *James Tweeddale   |         | D. C. Leck         |         |
| 2. *George Dunlop  | } Equal | John Scott         | } Equal |
| *Francis Rae       |         | 5. Thomas Chalmers |         |
| 3. W. P. Fullerton | } Equal | Robert Crawford    | } Equal |
| William Niven      |         | James Marshall     |         |
| W. W. Rutherford   |         | Robert Milligan    |         |
| James Stevenson    |         | J. D. Ramsay       |         |

\* These gentlemen received Professor's Prizes.

## PUBLIC LAW.

SUMMER SESSION 1877.

### FIRST CLASS HONOURS.

- |  |                             |
|--|-----------------------------|
| 1. Hugh Walker (1st Prize)               | 8. J. Stark Brown           |
| 2. Charles A. Paterson, M.A. (2nd Prize) | 9. T. C. Young, M.A.        |
| 3. David Patrick                         | 10. Lawrence T. Napier      |
| 4. A. C. Paterson, M.A., B.L.            | 11. George Lee Thorne, M.A. |
| 5. James Lochhead                        | 12. Samuel Carrick          |
| 6. John Mair                             | 13. W. W. Rutherford        |
| 7. James Ness, M.A., B.L.                | 14. G. Campbell             |

### SECOND CLASS HONOURS.

- |                            |                         |
|----------------------------|-------------------------|
| 15. R. H. Pirie, M.A.      | 24. George H. Black     |
| 16. J. S. Paterson         | 25. Richard Steel       |
| 17. Alexander M'Lennan     | 26. James Littlewood    |
| 18. William Niven          | 27. John G. Blyth, M.A. |
| 19. James C. Bishop, M.A.  | 28. James Donald        |
| 20. William Hislop         | 29. James W. Purves     |
| 21. David Nicol            | 30. James A. Cuthbert   |
| 22. C. J. M'Lean           | 31. James Glen, M.A.    |
| 23. John W. Anderson, M.A. | 32. W. L. Macindoe      |

## Faculty of Medicine.

## MEDALS AND CERTIFICATES OF MERIT.

## PRACTICE OF MEDICINE

## THE WILLIAM CULLEN MEDAL.

Lawrence Augustine Waddell, Cumbernauld.

## FIRST CLASS CERTIFICATES (in order of merit).

Thomas Hunt, Perth	}	Equal
John S. Jack, Lanarkshire		
Robert Macpherson, Glasgow College		
Angus Campbell, Arran	}	Equal
William K. Peden, Galston		
George Russell, Neilston		
Ralph Stevenson, Victoria		

## SECOND CLASS CERTIFICATE (in alphabetical order).

Thomas B. Adam, Langside	Angus M'Phee, Fort William
David Cairns, Greenock	James Morton, Darvel
Archd. K. Chalmers, Greenock	Islay B. Muirhead, Hillhead
James Dunlop, Glasgow	William Nicol, Ayr
Alexander Fraser, Lossiemouth	Wm. Partington, Lennoxtown
John Harrison, Lesmahagow	Alex. Turnbull Smith, Glasgow
Alex. Hogg, Stenhouse Muir	Alexander Stewart ( <i>pri.</i> ) <small>GRANDIOR</small>
Charles M'Kerrow, Mauchline	Jas. Thomson, Howood, Paisley

## MATERIA MEDICA.

## THE CULLEN MEDAL.

Ralph D. Stevenson.

## FIRST CLASS CERTIFICATES (in order of merit).

William K. Peden	Islay B. Muirhead, M.A.
Andrew F. Wilson	James Gordon
Charles Pinkerton	

## SECOND CLASS CERTIFICATES (alphabetically).

Thomas B. Adam	Allan M'Culloch
David Longwill	William Nicol
William M'Alister	Eric Sinclair
Robert Wilson	

## NATURAL HISTORY.

## ZOOLOGY, SUMMER, 1877.

## WILLIAM HUNTER MEDAL.

John L. Steven, 91·5 per cent

## FIRST CLASS CERTIFICATES.

John L. Steven, 91·5 per cent

A. M'Phee	} 83·5 per cent
C. F. Pollock	

## SECOND CLASS CERTIFICATES.

J. M'G. Robertson, M.A.	79 p. cent	William Gillies	71 p. cent.
James Oliver	78 „	Ralph D. Stevenson	69·9 „
John S. Rigby	77·5 „	John L. Spiers	69·5 „
Guthrie Rankine	76·5 „	Charles Pinkerton	69 „
James Morton	76·5 „	James Lindsay	68 „
Allen M'Culloch	71·5 „	Wm. M'Ilwraith	67 „
Alex. Morton, M.A.	71 „	Robert M'Pherson	66·5 „
William K. Peden	71 „	George T. Swail	66 „

## GEOLOGY—1878.

## WILLIAM HUNTER MEDAL.

William Liddle, 80 per cent

## FIRST CLASS CERTIFICATE.

William Liddle, 80 per cent

## SECOND CLASS CERTIFICATES.

William M. Miller, 68 per cent		Thomas Gray, 65 per cent
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*R. O. Wood Prize, (1878,) in Mineralogy—M. T. Brown.*

## MIDWIFERY.

## CLASS I (in order of merit).

George Russell (Medal)		Alexander Stewart ( <i>primus</i> )
John Harrison		William Partington
Alexander Fraser		John S. Jack
A. T. Smith.		

## CLASS II (arranged alphabetically).

George Black	Malcolm M'Murich
David Cairns	Thomas H. Morris
Angus Campbell	James Morton
James Drummond	Henry C. Sloggett
James Dunlop	Alexander Stewart ( <i>secundus</i> )
Neil Fullerton	George T. Swail
Alexander Hogg	Ridley Turnbull
Duncan M'Millan	Lawrence A. Waddell
James J. Weir.	

## BOTANY.

## FIRST CLASS.

John M. Young, M.A.,	-	-	-	98	½ cent (Medal)
Ralph D. Stevenson	-	-	-	87	„
Archibald M'Crorie	-	-	-	84	„

## SECOND CLASS.

Anstruther Davidson	-	-	-	67	½ cent.
David Blyth	}	-	-	65	„
William Fraser		-	-		

## SURGERY.

SESSION 1877-8.

## SENIOR.

## FIRST CLASS (in order of merit).

J. G. Douglas Kerr	} Medal	A. K. Chalmers
Ralph D. Stevenson		Peter Buchanan
J. M. Yair	} Equal	John Crawford
A. B. Pollock		William Lonergan
William M'Alister		J. T. M'Aulay
Angus M'Phee		

## SECOND CLASS (alphabetically).

J. H. Alexander	William J. M'Kenzie
J. T. Brown	Donald M'Leod
J. M. Cameron	Dugald Mitchell
John Dunlop	William Nicol
T. W. Gregson	W. K. Peden
M. K. Hargreaves	James Picken
J. E. Haydon	William Pollock
David Longwill	John Ritchie
Allan M'Culloch	John M. Smith
James B. M'Kenzie	

## JUNIOR.

## FIRST CLASS (in order of merit).

Alexander Morton, M.A., Medal	Alexander F. Beck
John L. Steven	James Donald
J. M. Robertson	Alexander Martin
Matthew S. Anderson	} Equal
Charles F. Pollock	

## SECOND CLASS (alphabetically).

John W. Anderson	Richard Jones
David Blyth	James Kaye
William Angus Campbell	James K. Love
Anstruther Davidson	Alexander D. M'Kay
Thomas Davidson	Donald Morrison
William Fraser	James K. Norman
David Grant	Guthrie Rankin
James Hamilton	Andrew D. Turner

## OPERATIVE SURGERY.

## SUMMER 1877 (alphabetically).

T. B. Adam	William Partington
Peter Buchanan	A. B. Pollock
A. K. Chalmers	Alexander Stewart ( <i>primus</i> )
George G. Gillon	J. M. Yair
William M'Alister	

## FORENSIC MEDICINE.

## SUMMER SESSION—1877.

John S. Jack, Medalist.

## FIRST CLASS CERTIFICATES (alphabetically arranged).

David Cairns	Allan M'Culloch	George Russell
Arch. Kerr Chalmers	William Nicol	Alexander Stewart
James Dunlop	William Partington	L. Augustine Waddell
Robert Macpherson		

## SECOND CLASS CERTIFICATES (alphabetically arranged).

Henry J. Birkett	Harry S. Lyons	William Pollock
Neil Fullarton	Lachlan M'Lachlan	Richard Pritchard
George Gore Gillon	Thomas H. Morris	George T. Swail
T. W. Gregson	James Morton	John Sinclair
W. A. G. Laing	P. Rosa Pieterse	John M. Yair



## CHEMISTRY.

## SUMMER SESSION, 1877.

## JOSEPH BLACK MEDAL.

Wm. Howells	} Equal
Wm. F. Parmer	

## FIRST CLASS CERTIFICATES.

Archd. M'Crorie	James K. Norman
James Duncan	Guthrie Rankin
John E. Fairlie	Joseph M. Robertson
Charles P. Gallie	John L. Steven
David H. Kyle	John M. Young
Alex. Martin	

## SECOND CLASS CERTIFICATES.

James D. Boyd	James K. Love
William A. Campbell	John P. M'Laren
Thomas Davidson	John D. M'Vean
James Donald	Alexander Morton, M.A.
Wm. Fraser	James F. Muir
Mark Hargreaves	Charles F. Pollock
Richard Jones	Patrick H. Walker

## WINTER SESSION—1877-78.

## JOSEPH BLACK MEDAL.

John Hugh Bicket

## FIRST CLASS CERTIFICATES.

John E. Fairlie	William J. Mackenzie
James Ferguson	John Rigby
Angus S. Gunn	Chas. W. Stewart, M.A.
William Liddle	Thomas D. Weir

## SECOND CLASS CERTIFICATES.

Edward B. Clark	Lewis M'Lellan
James Cooper	Robt. H. M. Murdoch
Alexander B. Dobbie	Andrew M. Ramsay
George Gray	John Sinclair
Matthew Killoch	James Smith
Macpherson Laurie	Naosada Taniguchi
Neil M'Kechnie	Wm. M. Williams

## INSTITUTES OF MEDICINE.

JOHN HUNTER MEDAL AND FIRST CLASS CERTIFICATE.

C. Fred. Pollock, 96 per cent.

## FIRST CLASS CERTIFICATES.

Matt.S.Anderson, M.A.,	92 per cent	W. Fraser	
Hugh M'Dougall	} 88 „	R. Gilbert	} 80 p. cent
J. L. Steven		Anstruther Davidson	
J.W.Anderson, M.A.	} 85 „	Thomas Davidson	} 78 „
David Blyth		A. Martin	
M. M'Kintosh	} 84 „	R. Prichard	
A. Morton, M.A.			
G. Scott	} 75 per cent		
W. A. Campbell			
A. F. Fergus			

## SECOND CLASS CERTIFICATES.

Guthrie Rankine	70 per cent	J. M'Gregor	60 per cent
Wm. R. Willis	} 68 „	J. Macdougall	} 55 „
R. Jones		James Donald	
J. K. Love	} 62 „	James Kaye	} 54 „
Griffith Griffiths		David Grant	
Thos. F. Tannahill	} 62 „	W. F. Parmer	} 53 „
A. D. Turner		D. R. Oswald	
A. M'Crorie	} 62 „	A. Ledingham	} 51 „
B. A. Palmer		James A. Wilson	
J. P. M'Laren	} 62 „	J. Erskine	} 50 „
J. K. Norman		A. Johnstone	

## PRACTICAL PHYSIOLOGY.

SUMMER SESSION, 1877.

## FIRST CLASS CERTIFICATES.

1. William K. Peden, 92 per cent.
2. { J. Macgregor Robertson, M.A. } 87 per cent  
{ L. Augustine Waddell }
3. { William Partington } 82 per cent  
{ R. D. Stevenson }
4. T. W. Gregson, 77 per cent

## SECOND CLASS CERTIFICATES.

John Crawford	73 „	Charles Pinkerton	63 „
Archd. K. Chalmers	} 71 „	J. B. Birchall	} 62 „
Islay B. Muirhead		Angus M'Phee	
Thomas H. Morris	70 „	John M. Cameron	61 „
Hugh Mackay	66 „	William Nicol,	60 „
James Oliver	} 65 per cent		
Robert Lyon			

## ANATOMY.

## SENIOR DIVISION.

## Practical Anatomy.

*Medal*—Anstruther Davidson.

## CERTIFICATES OF MERIT.

*First Class (in alphabetical order).*

Thomas Davidson  
 William Fraser  
 Robert Hannington  
 James Kaye

Hugh M'Dougall  
 Benjamin A. Palmer  
 Charles F. Pollock (*Special Merit*)  
 John L. Steven

## CERTIFICATES OF MERIT.

*Second Class.*

Joseph Baynes  
 John M. Graham  
 James Hamilton  
 Alex. Johnston  
 Richard Jones  
 Hugh D. Jones

David Kyle  
 Alex. N. Ledingham  
 Hugh M'Phee  
 Alexander Martin  
 James A. Wilson.

## Written Examinations.

*Medal*—John W. Anderson

## CERTIFICATES OF MERIT.

*First Class (in order of excellence).*

Walter S. Campbell  
 Anstruther Davidson

John Lindsay Steven

*Second Class.*

J. A. Wilson  
 James Norman  
 Joseph M'G. Robertson  
 William Fraser  
 Benjamin Palmer  
 Hugh M'Dougall

David Blyth  
 Thomas Davidson  
 James Kaye  
 Richard Jones  
 Robert Hannington  
 David Grant

## JUNIOR DIVISION.

## Practical Anatomy.

*Medal*—James M'Pherson Lawrie.

## CERTIFICATES OF MERIT.

*First Class (in alphabetical order).*

John Buchanan  
 Andrew F. Fergus  
 David Gardner  
 Robert M'Knight  
 Dugald M'Phee  
 William Morrison  
 Alexander Meighan

Andrew M. Ramsay  
 John Rigby  
 Charles W. Stewart  
 John Cowan Wilson  
 William M. Wilson  
 Frank Wilson

*Second Class.*

William Borland  
 William Colquhoun  
 George Dickson  
 James Gardner  
 Hugh Gillies  
 John Goff  
 Charles A. Gray  
 Edgar Haydon  
 John Irving  
 John H. Jones  
 Matthew Killoch

David Lawrie  
 Norman MacLehose  
 John M'Phun  
 James Miller  
 John M. Robertson  
 Andrew Semple  
 William B. Violette  
 William Watson  
 William M. Williams  
 George Wolstenholme

## Written Examinations.

*Medal*—James M'Pherson Lawrie.

## CERTIFICATES OF MERIT.

*First Class (in order of excellence).*

John Rigby  
 Charles Stewart  
 R. M'Knight  
 William Morrison

Andrew M. Ramsay  
 Dugald M'Phee  
 William M. Wilson

*Second Class.*

Andrew Freeland Fergus  
 John M'Phun  
 Matthew Killoch  
 Angus Gunn  
 William Borland  
 John Buchanan  
 David Gardner  
 John Cowan Wilson

George Dickson  
 J. M. Hunt  
 John Conway  
 Alexander Meighan } Equal  
 P. Caldwell Smith }  
 James Robertson  
 William Colquhoun  
 John Goff

## Faculty of Arts.

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### PRIZE LISTS.

---

### ENGINEERING.

#### SENIOR CLASS OF CIVIL ENGINEERING AND MECHANICS.

1. Matthew Taylor Brown, Glasgow
2. Walter Shellshear, London

Next in order of Merit.

3. Thomas D. Weir, Ibrox
4. James A. Clarke, Ayr

#### JUNIOR CLASS OF CIVIL ENGINEERING AND MECHANICS.

- 1, 2. { Robert Thomas Moore, Rutherglen } Equal.  
           { Robert F. Muirhead, Lochwinnoch }
3. William Liddle

Next in order of Merit.

Sinclair Couper, Fraserburgh  
 Robert Simpson, Pollokshields

#### SENIOR CLASS OF OFFICE AND FIELD WORK.

Robert F. Muirhead, Lochwinnoch

Next in Merit.

Sinclair Couper, Fraserburgh

#### JUNIOR CLASS OF OFFICE AND FIELD WORK.

1. John Cleland, Coatbridge
2. Robert Simpson, Pollokshields

Next in order of Merit.

Alexander Carson



## WALKER PRIZES FOR WRITTEN EXAMINATIONS.

Robert F. Muirhead, Lochwinnoch } Equal  
 Thomas D. Weir, Glasgow }

Next in order of Merit.

James A. Clarke, Ayr

## WALKER PRIZES VOTED BY THE CLASS.

1. James A. Clarke, Ayr
2. Robert F. Muirhead, Lochwinnoch

## THE GEORGE HARVEY PRIZE.

Robert F. Muirhead, Meikle Cloak, Lochwinnoch

## MATHEMATICS.

## SENIOR CLASS.

## I. Voted by the Class.

1. John H. Macalpine, Castlehead, Paisley
2. Alexander Russell, Glasgow
3. Alexander Gregory, Anstruther
4. James A. Clarke, Ayr

## II. Written Examinations.

*Second Year Students.*

1. Robert F. Muirhead, Lochwinnoch
2. James Wilson, Glasgow

*First Year Students.*

1. John H. Macalpine, Castlehead, Paisley
2. Alexander Russell, Glasgow
3. Daniel Peebles, Glasgow.
4. James A. Clarke, Ayr

Next in order of Merit.

5. Robert F. Moore, Rutherglen
6. Robert Simpson, Pollokshields
7. James Viehoff, Port-Glasgow

## JUNIOR CLASS—UPPER DIVISION.

## I. Voted by the Class.

1. William A. Davidson, Greenlaw, Berwickshire
  2. Farquhar Macdonald, Daviot, Inverness-shire
  3. John J. Johnstone, Western Infirmary
  4. James H. Bryce, Stirling
  5. James Fleming, 10 Claremont Gardens
  6. William H. Pulsford, 21 Ashton Terrace
- } Equal

## II. Written Examinations.

1. William A. Davidson
  2. Farquhar Macdonald
  3. { James Clark, Paisley
  - { John Cleland, Coatbridge
  5. Alexander Lothian, Wishaw
  6. { James H. Bryce
  - { Benjamin Denoon, Ross-shire
  - { John Meiklereid, 15 N. Claremont Street
  - { Alexander M. Mitchell, Lenzie
  - { William H. Pulsford
  - { John Struthers, Eaglesham
  12. William M. Paton, Paisley
- } Equal

## Next in order of Merit.

13. { William Butchart, Dunbarton
  - { James Fleming
  - { Alexander Robertson, Naples
  16. Andrew Robertson, Irvine
  17. Robert Loudon, Kilmarnock
  18. James M'Murchie, Paisley
  19. Cecil J. Swan, Greenock
  20. Robert A. Ronald, Paisley
- } Equal

## JUNIOR CLASS—LOWER DIVISION.

## I. Voted by the Class.

## Section Meeting at 9 a.m.

1. Hector Dove, 104 N. Hanover Street, Glasgow
2. Adam Prentice, 22 Bank Street, Greenock
3. Lewis Stuart, Aberlour, Banffshire
4. John Bowick, St. Cyrus, Montrose
5. Robert Ramsay, Law Farm, Duntocher

## Section Meeting at 10 a.m.

1. John Gibson, 4 Maule Terrace, Partick
2. George Macaulay, F.C. Manse, Irvine
3. Walter Brown, Castehill, Renfrew
4. John Wilson, 240 London Road, Glasgow

## Section Meeting at Noon.

1. John R. M'Itraith, Erskine, Renfrewshire
2. John B. Cumming, 8 Buckingham Terrace, Glasgow
3. James Balderston, Saucel Bank, Paisley
4. William J. Mirrlees, Redlands, Glasgow
5. John Ronald, Oaklands, Paisley

## II. Written Examinations of the Three Sections.

1. Adam Prentice
2. { Magnus Maclean } Equal  
  { Hector Dove }
4. { Lewis Stuart } Equal  
  { John Bowick }
6. { John R. M'Itraith } Equal  
  { John T. Smith }
8. Robert Ramsay
9. John Gibson
10. { Donald Cameron } Equal  
  { Hamilton Hunter }
12. George S. Brown
13. { Walter Brown } Equal  
  { William H. Gualter }  
  { John Ronald }  
  { William Gladstone }  
  { John Wilson }

## Next in order of Merit.

18. Duncan M'Intyre
19. Robert Richmond
20. { Alexander L. Taylor } Equal  
  { James Balderston }  
  { Thomas Abercrombie }
23. John Boag
24. { Parlan Macfarlan } Equal  
  { John Macfarlane }  
  { James Mackie }  
  { George Macaulay }
28. { William Mitchell } Equal  
  { William Walker }  
  { William Mirrlees }
31. { William Wallace } Equal  
  { John Cumming }

## SUMMER READING.

Upper Junior Class of Last Session.

John H. Macalpine.

## ASTRONOMY.

## CLASS PRIZES.

1. John H. Macalpine, Paisley
  2. Robert F. Muirhead, Lochwinnoch
  3. John Wilson, Rothesay
- 

## NATURAL PHILOSOPHY.

## I. For General Eminence, voted by the Class.

*Students of the First Year.*

1. William Snodgrass, Paisley
2. George A. Mitchell, Lenzie
3. David S. Adam, Langside
4. William G. M'Conchie, Kirkcudbright
5. Robt. Thos. Moore, Rutherglen
6. John H. Fullarton, Brodick
6. William T. Bankhead, Kilmarnock
8. John H. Macalpine, Paisley
9. William A. Davidson, Greenlaw
10. Sinclair Couper, Fraserburgh
11. Daniel Peebles, Scotland
12. George Caldwell, Kirkintilloch

*Students of the Second Year.*

1. Thomas Gray, Partick
2. James Wilson, Glasgow

## II. Higher Mathematical Department of the Natural Philosophy Class.

1. Robert F. Muirhead
2. { M. T. Brown      } Equal  
      { James Wilson    }

## III. Prize for Work done in the Physical Laboratory.

1. Sinclair Couper, Fraserburgh

## MORAL PHILOSOPHY.

## I. Prizes awarded by Votes of Students for General Eminence in the Essays and Examinations of the Session :

## THE BUCHANAN PRIZE.

James Denney, Greenock.

## SENIOR DIVISION.

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. John Herkless, Glasgow       | 5. Alex. C. Watson, Glasgow    |
| 2. Hugh Cameron, Glasgow        | 6. Wm. T. Bankhead, Kilmarnock |
| 3. John W. Marshall, Kilmarnock | 7. William Snodgrass, Paisley  |
| 4. Hugh Miller, Hamilton        | 8. William J. Lawrie, Glasgow  |

## JUNIOR DIVISION.

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. James K. Duff, Aberfeldy   | 5. David Woodside, Ayr        |
| 2. Francis W. Clark, Glasgow  | 6. David S. Adam, Langside    |
| 3. A. N. Cumming, Glasgow     | 7. Geo. Dods, Haddingtonshire |
| 4. Andrew Rutherford, Glasgow | 8. Robert B. Young, Glasgow   |

## II. Prizes for Excellence in Written Examinations on Lectures delivered during the Session :

- |   |         |
|---|---------|
| 1. <i>Students' Prize</i> —James Denney |         |
| 2. John Herkless                        |         |
| 3. John W. Marshall                     | } Equal |
| A. N. Cumming                           |         |

## III. Prizes for Vacation Exercises :

For the best Examination on Plato's Republic—

James K. Duff	} Equal
John Herkless	

For the best Examination on Ferrier's Lectures—

James K. Duff

## LOGIC AND RHETORIC.

## I. For Eminence in the Work of the Class during the Session, as shown in Oral and Written Examinations, Exercises and Essays.

Prize over Whole Class.

James Dawson, Glasgow



## SENIOR DIVISION.

- |                                |  |
|--------------------------------|--|
| 1. David Patrick, Glasgow      | 9. James Chalmers, Lenzie              |
| 2. Henry Jones, Wales          | 10. James Macrae, Portree, Skye        |
| 3. James McMurchy, Paisley     | 11. James Macfadzean, Kirk-<br>oswald  |
| 4. J. D. Douglas, Glasgow      | 12. Hugh Y. Reyburn, Kilmar-<br>nock   |
| 5. James Cappon, Dundee        | 13. Alexander Gregory, Anstru-<br>ther |
| 6. John A. Clark, Glasgow      |  |
| 7. Alexander Stewart, Maryhill |  |
| 8. James Millar, Shawlands     |  |

## JUNIOR DIVISION.

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Robert T. Younger, Glasgow | 5. Arthur Findlay, Glasgow    |
| 2. W. M. Paton, Paisley       | 6. Alexander Russell, Glasgow |
| 3. James H. Bryce, Stirling   | 7. R. W. K. Bain, Shetland    |
| 4. John Kerr, Kilwinning      |                               |

## II. Work prepared during the Summer Vacation.

*A.—Students of Session 1877-8.*

## Preliminary Examination in Reid and Whately :—

## SENIORS.

1. James Dawson
2. David Patrick

## JUNIORS.

1. Robert T. Younger
2. James H. Bryce

*B.—Students of Session 1876-7.*

## I. Essays.

(a.) Theories of External Perception.  
James Smith Stewart.

(b.) Hamilton's Theory of the Conditioned.  
Alexander Neilson Cumming, Glasgow.

## II. Reading.

(a.) Theaetetus.

1. James Denney, Greenock.
2. A. Neilson Cumming.

(b.) Thomson's Outline.

- |                     |         |
|---------------------|---------|
| 1. James Denney.    | } Equal |
| 2. Francis W. Clark |         |
| 3. A. N. Cumming    |         |

(c.) Descartes.

1. George Dods, Garvald
2. Andrew Rutherford, Glasgow
3. William J. Lawrie, Glasgow

## ADVANCED LOGIC.

## HIGHER METAPHYSICS.

Essay—Hume's Doctrine of Causality.

1. Alexander Isdale, Glasgow
  2. A. N. Cumming, Glasgow
- 

## ENGLISH LITERATURE.

## I. Class Prizes.

## THE BUCHANAN PRIZE.

Open to the Competition of the whole Class.

Henry Jones, Llangerniew.

## SENIOR DIVISION.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. James Denney, Greenock</li> <li>2. Angus C. Mackenzie, Inverness</li> <li>3. John Orr, Stewarton</li> </ol> | <ol style="list-style-type: none"> <li>4. James J. Maclehose, Glasgow</li> <li>5. William Walker, Paisley.</li> <li>6. George Halley, Crosshill</li> </ol> |
|---|--|

## JUNIOR DIVISION.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Robert Aitken, New Kilpatrick</li> <li>2. Robert T. Younger, Glasgow</li> <li>3. Alexander Gregory, Anstruther</li> </ol> | <ol style="list-style-type: none"> <li>4. J. Mudie Thomson, Glasgow</li> <li>5. James Lang, Glasgow</li> </ol> |
|---|--|

## II. Written Examinations.

- 1.—English Text Society's Prize for knowledge of Early English.

1. Robert Aitken
2. Henry Jones
3. J. Mudie Thomson

- 2.—Voluntary Examination on Lectures of the Session.

1. Robert Aitken
2. Alexander Gregory

## III. Essays.

A.—For the Best Prose Essay on the Decline of the Drama.

Henry Jones, Llangerniew	} Equal
Hugh Miller, Hamilton	

B.—For the Best Set of Verses on “Constantinople.”

Peter M. Campbell, Jamestown

*Worthy of Mention.*—James M'Kechnie, Paisley, and  
Graham L. Somerville, Glasgow.

## GREEK.

I. *Prizes awarded by Votes of the Students for General Eminence during the Session.*

SENIOR CLASS, 8 A.M.

JEFFREY GOLD MEDAL.

James M. Dodds, Glasgow (Paisley Grammar School and Glasgow Academy)

PRIZES.

1. Duncan Brown, Killin (Killin Free Church and Public School)
2. James R. Watson, Glasgow (Parkhead Sessional School and Glasgow High School)
3. Charles Steele, Ochiltree (Ayr Academy)
4. John W. Stewart, Ardrishaig (Glasgow High School)
5. Robert J. Loudon, Kilmarnock (Bentinck Street Kay School)
6. Alexander M. Mitchell, Hamilton (Lenzie Academy)
7. William Menzies Alexander, Glasgow (Glasgow High School)
8. James Inglis, Johnstone (Glasgow Academy)

MIDDLE GREEK CLASS (PROVECTORES).

SCOTT-MACFARLAN GOLD MEDAL.

James Weir (Crossford School and Glasgow High School)

PRIZES.

1. William G. Duncan (Wateresk School and Anderson's College)
2. Alexander Anderson, Dumbarton (Burgh Academy, Dumbarton)
3. John MacKelvie, Coylton (Ayr Academy)
4. Thomas E. S. Clarke (Lochmaben Public School)
5. John R. M'Iraith, Erskine, Renfrewshire (Erskine Parish School)

6. J. T. Napier, Glasgow (Free St. Peter's School)
7. William Thomson, Airdrie (Airdrie Academy)
8. Samuel M. Riddick, Haugh-of-Urr, Kirkcudbrightshire (Hardgate Public School)
9. Andrew Eadie, Glasgow (Private Study)
10. Henry Stewart, Arbroath.
11. A. W. Hedderwick, Glasgow (Park School)
12. James C. Higgins, Irvine (Public School)

## JUNIOR CLASS.

## PRIZES.

1. John W. Jack, Strathaven (Crosshill Public School)
2. William Dock, Paisley (West Public School)
3. Charles Carrick, Glasgow (Park School)
4. A. Campbell, Campbeltown (Campbeltown Free Grammar School and Glasgow High School)
5. John A. Kennedy, Edinburgh (Edinburgh and Glasgow High Schools)
6. Andrew Gemmell, Glasgow (St. John's Academy, Annfield)
7. John Gray, Stonehouse
8. George Anderson, Glasgow (Free St. Peter's)
9. George Samuel, Swalwell (Royal Grammar School, Newcastle)
10. James Paterson, Moffat
11. J. D. MacKintosh, Kilmarnock (Newmilns Free Church School)

II. *Prizes for Excellence in Written Examinations or Essays.*

## SENIOR AND PRIVATE CLASS, 2 P.M.

For an Examination on Aristotle, *Politics*, Books IV, V, VI.

John G. A. Dow.

For an Examination on Sophocles, *Ajax*.

John G. A. Dow.

*Proxime Accessit*—John Lee.

## SENIOR CLASS, 8 A.M.

For an Examination on Thucydides, Book IV ; Herodotus, Book VII ; and Homer, *Iliad*, Book XVI.

James M. Dodds.

Duncan Brown.

## MIDDLE GREEK CLASS.

For an Examination on Xenophon, *Anabasis*, Book III ; Herodotus, Book I ; and Homer, *Odyssey*, Book XII.

James Weir.

William G. Duncan.

*For an Essay on a Subject connected with the History or Literature of Greece.* Subject for 1877-78, "Herodotus as an Historian."

Morrison Bryce.

## JUNIOR GREEK CLASS.

For an Examination in Greek Grammar.

John W. Jack.

For an Examination on Sandford's Greek Extracts.

John W. Jack.

III. *Prizes for Vacation Exercises.*

## SENIOR AND PRIVATE CLASS OF SESSION 1876-77.

For Greek Prose Composition.

John A. Clark.

## MIDDLE GREEK CLASS OF SESSION 1876-77.

For a Written Examination on Herodotus, Book IX, and Euripides, *Hecuba*.

James M. Dodds.

For Greek Prose Composition.

Duncan C. M'Nicol.

## JUNIOR GREEK CLASS OF SESSION 1876-77.

For a Written Examination on Xenophon, *Anabasis*, Book V, and Homer, *Iliad*, Book IV.

William G. Duncan.

For an Exercise in Greek Prose.

William G. Duncan.

## BLACKSTONE EXAMINATION.

COWAN GOLD MEDAL.

Alexander Gregory.

## HUMANITY.

A.—Prizes for General Eminence during the Session, awarded by the Votes of the Students.

PUBLIC CLASS.—SENIOR, 9 A.M.

*Cowan Gold Medal.*

James Simpson, Largs (Craigmount)



*Ordinary Prizemen.*

2. James M. Dodds, Glasgow (Paisley Grammar School and Glasgow Academy)
3. Duncan Brown, Killin (Killin Public School)
4. Alex. M. Mitchell, Lenzie (Lenzie Academy)
5. Patrick Aitken, Glasgow (Lochmaben Public School)
6. William G. Duncan, Cortachy (Wateresk School)
7. Abram Gillies, North Uist (Private Teaching)
8. James W. Inglis, Johnstone (Glasgow Academy)
9. John T. Napier, Glasgow (Free St. Peter's School)
10. Francis Anderson, Glasgow (Old Wynd Public School and Oatlands Public School)
11. James R. Watson, Parkhead (Dennistoun Academy and Glasgow High School)
12. Charles Steele, Ochiltree (Ayr Academy)

## JUNIOR DIVISION.

1. Henry Stewart, Glasgow (Arbroath Public School)
2. John W. Jack, Strathaven (Crosshill Public School)
3. William A. Forsyth, Sorbie (Ewart Institute, Newton Stewart)
4. James M'Callum, Gladfield (Gladfield Public School)
5. Alex. Campbell, Glasgow (Rugby)
6. Charles Carrick, Glasgow (Park School)
7. Duncan Blair, Glasgow (High School)
8. John Kennedy, Edinburgh (Glasgow and Edinburgh High Schools)
9. Alex. Lothian, Wishaw (Wishaw Public School)
10. Alex. Anderson, Dumbarton (Dumbarton Burgh Academy)
11. James Paterson, Moffat (Dumgree and Kirkpatrick Juxta)
12. Harry Millar, Glasgow (High School)
13. George Anderson, Glasgow (Free St. Peter's School)
14. John Callan, Dunoon (Dunoon Public School and Glasgow High School)
15. Archibald Campbell, Campbeltown (Campbeltown Free Church School and Glasgow High School)
16. John Blair, Glasgow (E. C. Normal School)

## LOWER DIVISION OF JUNIOR CLASS.

1. James M'Kellar, Glasgow (St. Andrew's Parish School)
2. George Carson, Sanquhar (Sanquhar Parish School)
3. George M'Phail, Glasgow (Ullapool West Public School and Free Church Normal School)
4. John Rogerson, Lochrutton (Lochrutton Public School and Dumfries Academy)
5. Alexander Andrew, Paisley (Neilston Institution and West Public School)
6. James Crawford, Largs (Largs Parish School)
7. James Mackie, Greenock (East Greenock Episcopal School, and F. C. Normal School)

## B.—Prizes for Written Exercises and Examinations.

## SENIOR AND PRIVATE CLASS, 1 P.M.

*Prizes on the foundation of the late Professor Muirhead, for Written Examinations on the Lectures delivered and the books read throughout the Session, viz., Persius, Catullus, Virgil, Aeneid, X.—XII.*

1. James Simpson
2. James M. Dodds
3. Patrick H. Aitken.

## SENIOR CLASS, 9 A.M.

*Prizes for Written Examination in the Work of the Class, with voluntary work in addition.*

1. James Simpson
2. James M. Dodds

*For Latin Prose Composition.*

1. John Lee, The College (Fettes College)
2. James M. Dodds.

*Prize in Section II.*

John Gray, Glasgow (High School)

## VACATION EXERCISES.

FOR THE SENIOR CLASS OF 1877-78.

*For a Written Examination on certain subjects.*

1. James M. Dodds
2. James Simpson

*For a Translation of a prescribed passage into Latin Prose.*

FOR THE SENIOR CLASS OF 1876-77.

John A. Clark, Glasgow (High School)

FOR THE SENIOR CLASS OF 1877-78.

James W. Inglis

## BLACKSTONE EXAMINATION.

*Cowan Gold Medal.*

Peter Donaldson, Muthill (Muthill Public School)

# VIII.—EXAMINATION QUESTIONS.

## I.—FOR DEGREE OF M.A.

APRIL, 1878.

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FOR ORDINARY DEGREE.

### A.—DEPARTMENT OF CLASSICAL LITERATURE.

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#### L A T I N.

Translate—

Virgil *Æneid*, XII, 289-304.

Horace, *Odes*, I, 26.

Livy I, 50—end of § 3.

Translate into Latin Prose—

Caesar having tarried for a few days in their territory, and having burned all their villages, houses and crops, retired into the territory of the Ubii; and having promised them his assistance, if they were pressed by the Suevi, ascertained from them the following facts:—That the Suevi, having discovered from spies that a bridge was being made, had held a council after their custom, and sent messengers into all parts, to tell the people to abandon their towns, and to leave their wives and children, and all their property in the forest, and, as many of them as could bear arms, to meet at a certain place: that there they awaited the approach of the Romans, determined to fight it out. When Caesar learned this, having finished all that he had determined to accomplish, he retired into Gaul, and destroyed the bridge.

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#### G R E E K.

Translate—

Sophocles, *Ajax*, 1266-1289.

Herodotus, B. VII, 158.

## GRAMMAR AND HISTORY.

## 1. Translate :—

1. Ὡ ἄνδρες, οἱ πολέμιοι ἡμῶν οὐκ ἴσασι πω τὴν ἡμετέραν συμμαχίαν. ἦν οὖν ἔλθωμεν ἐπ' αὐτοὺς πρὶν φυλάξασθαι ὥστε μὴ ληφθῆναι ἢ παρασκευασθαι ὥστε ἀμύνασθαι, μάλιστ' ἂν λάβοιμεν καὶ ἀνθρώπους καὶ χρήματα. συνεπήνουν ταῦτα οἱ στρατηγοὶ καὶ ἡγεῖσθαι ἐκέλευον.

(1) Parse, giving the principal parts :—ἴσασι, ληφθῆναι, συνεπήνουν.

(2) Translate into Latin :—ἦν οὖν ἔλθωμεν ἐπ' αὐτοὺς πρὶν φυλάξασθαι ὥστε μὴ ληφθῆναι.

(3) Decline throughout all cases, singular, dual, and plural—ταῦτα, αὐτούς, ἡμῶν.

(4) Explain the accentuation of ἴσασι πω. Show how the accentuation of words is affected by the lengthening of the last syllable ; and account for the accentuation of ἀμύνασθαι.

(5) Translate into Greek :—From war proceeds war, not peace. Soldiers are the natural enemies of peace.

## 2. Translate :—

Inventus est Numida, qui acceptis litteris, evasurum se professus, praestaret promissum. Per media Romana castra nocte egressus spem accendit Campanis, dum aliquid virium superesset, ab omni parte eruptionem temptandi.

(1) Parse, conjugating—*evasurum, professus, egressus.*

(2) Account for the subjunctives, *praestaret*, and *superesset*, respectively.

(3) Translate into Latin :—He said that he would take money and set out for Rome, where his brother was ill.

## 3. Translate.—

τέλος δ' ὑπάξας διὰ θυρῶν σκιᾷ τινὶ  
λόγους ἀνέσπα τοὺς μὲν Ἀτρειδῶν κάτα,  
τοὺς δ' ἀμφ' Ὀδυσσεῖ, συντιθεῖς γέλων πολύν.

(1) Parse, and give principal parts of the verbs.

(2) Illustrate other uses of the word τέλος.

(3) Explain the accentuation of κάτα.

(4) Decline through all cases γέλων and πολύν.

## 4. Translate :—

Saevit, et infracta luctatur arundine telum  
Eripere, auxilioque viam, quae proxuma, poscit ;  
Ense secant lato volnus telique latebram  
Rescindant penitus, seseque in bella remittant.

(1) Parse and conjugate the verbs.

(2) Account for the subjunctives.

5. How does Herodotus estimate the services of the Athenians during the Invasion of Xerxes ?

6. The main features of the Servian Constitution.

## B.—DEPARTMENT OF MENTAL PHILOSOPHY.

### LOGIC.

1. Distinguish propositions as Universal, Particular, Singular. Of what quantity is a Singular Proposition, and why?
2. State the two rules given by Whately regarding the quantity of the predicate of Affirmative and Negative Propositions. Examine them, in the case (a) of the Comprehensive Predicate, (b) of the Extensive Predicate. State the propositional forms of Hamilton and Thomson.
3. Explain precisely the distinction between (a) Contrary and Contradictory Terms, (b) Contrary and Contradictory Propositions. Give an example of each.
4. Explain the import of the law of Non-contradiction. State the conditions under which it can come into exercise, and show whether it necessarily implies affirmation or determination in its negative sphere.
5. Explain the doctrines of Nominalism, Conceptualism, and Realism. State the names and dates of their principal upholders.
6. State precisely the nature of Logical Division. Give its principal rules. Divide logically *figure, plant, mankind*.
7. Give the formulæ of the Four Figures, using X, Y, Z, as Major, Middle, and Minor Terms. Give a valid mood in each figure, using the same letters.
8. Explain the nature of the following fallacies, and refer them to their classes :—*Division and Composition, Fallacia Accidentis* and its *Converse, Ignoratio Elenchi, Petitio Principii, Non Causa pro Causa*.
9. State the theories regarding Mental Absorption, and the relations between Attention and Memory.
10. Write a brief account of Imagination.
11. Do the same with regard to Thought and Perception in their logical relations.
12. On the Organic and Locomotive Theory of Perception show (a) the nature of Sensation, (b) of Perception. Examine the theory, noticing especially Resistance, Contact, and Pressure.
13. Give a brief account of the Principle of Induction.

### MORAL PHILOSOPHY.

1. "Society progresses from *Status to Contract*." Explain and examine this.
2. Compare the Greek with the modern State.
3. What is Socialism? Give and criticise the Platonic form of it.
4. Give and criticise the Aristotelian definition of virtue.
5. What was the Stoic idea of the *jus naturale*? How did it influence the development of Roman law?



6. Compare the Hedonism of Bentham with that of Epicurus.
  7. Give and criticise Hume's views (1) of the desires ; (2) of the origin of moral ideas.
  8. Compare the views of Hume and Kant upon freedom.
  9. The mediæval dualism : what were its causes, and how did it manifest itself in ethics and politics ?
  10. What is materialism ? What arguments does Kant bring against it ?
  11. The distinction between social and political life : why was it not noticed by the Greek philosophers ?
  12. Give and criticise Comte's law of intellectual progress.
- Candidates are expected to answer at least nine of the above questions.*

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## ENGLISH LITERATURE.

1. What are the main rules for the arrangement of words in English sentences ?
2. By what means can we generally discriminate between English words derived from a foreign and those derived from a native source ?
3. State exceptions to the rule which recommends the choice of the latter.
4. Distinguish between (1) Antonomasia and Personification ;  
(2) Simile and Metaphor ;  
(3) Tautology, Pleonasm, and Verbosity.
5. Mention, with proximate dates and the titles of their chief works, the most celebrated English Dramatists before Shakespeare.
6. Give, in prose, a concise outline of the plot of "Hamlet."
7. Explain the following quotations, referring to their contexts—  
"A little more than kin and less than kind."  
"Hyperion to a satyr."  
"It out-herods Herod."  
"I know a hawk from a handsaw."  
"Hoist with his own petar."
8. Mention the most characteristic works of the following authors and, where you can, refer to some of their foreign contemporaries—Lyndsay, Hooker, Southwell, Drayton, Ben Johnson, Shirley, Burton, Butler, Dryden.
9. How are the following poets related, and what are their main points of difference ? Donne, Herbert, Crashaw, Quarles, Herrick, and Cowley.
10. Name the themes of some of Bacon's Essays, and indicate some of the leading features of his style.
11. Give a list of Spencer's minor poems, and state the plan of the Faery Queen.
12. Briefly characterize the following imaginary personages and name the plays in which they occur—Polonius, Laertes, Iago, Cordelia, Viola, Falstaff, Parolles, Bobadil, Bessus.

*Seven questions to be answered.*

*C.—DEPARTMENT OF MATHEMATICS.*

## MATHEMATICS.

## EUCLID.

1. Triangles on equal bases and between the same parallels are equal to each other.

2. Trisect a given straight line. Find a point inside a triangle such that lines drawn from it to the angles may divide the triangle into three equal parts.

3. The complements of the parallelograms about the diagonal of any parallelogram are equal to each other.

Divide a given rectangle into two parts, so that together they may form a rectangle of a given length.

4. In an obtuse-angled triangle, the square on the side subtending the obtuse angle is greater than the sum of the squares on the other two sides by twice the rectangle under either of these sides, and the intercept between the obtuse angle and the perpendicular on that side from the opposite angle.

5. Find a point in one side of a triangle such that lines drawn from it parallel to the other sides may be equal.

6. In equal circles equal angles stand upon equal circumferences whether the equal angles be at the centres or at the circumference.

7. The sum of the perpendiculars drawn from any point in the base of an equilateral triangle on the sides is equal to the height of the triangle.

8. If two chords of a circle cut each other at right angles, the sums of the two pairs of opposite arcs are equal.

9. If the circumference of one circle lie wholly within another, find the greatest and least lines, tangents to the former and terminated by the latter.

10. In a given circle inscribe an equilateral pentagon.

Show that every equilateral pentagon inscribed in a circle must be equiangular.

When the diagonals of such a pentagon inscribed in a circle are all drawn, show that they inclose another equilateral and equiangular pentagon.

11. If a quadrilateral be described about a circle, show that the sums of the opposite pairs of sides are equal.

12. If the sides of two triangles about each of their angles be proportional, show that the triangles are equiangular, and that the equal angles are opposite the homologous sides.

13. In equal circles, angles, whether at the centres or the circumferences, have the same ratio to each other as the arcs on which they stand.

14. Describe a circle touching two given circles external to each other.

## ALGEBRA AND TRIGONOMETRY.

1. Divide the sum of  $\frac{a}{b} + 1$  and  $\frac{a}{b} - 1$  by their difference.

2. At what time after  $n$  o'clock is the minute-hand first ten minutes before the hour-hand? What is the greatest value of  $n$  to allow this to happen within the hour?

3. Solve the equations—

$$(1) \frac{a}{bx} + \frac{c}{dx} + \frac{e}{fx} - g = 0.$$

$$(2) \sqrt{1-x} + \sqrt{1-x + \sqrt{1+x}} = \sqrt{1+x}.$$

$$(3) \frac{a}{x-a} + \frac{b}{x-b} = \frac{2c}{x-c}.$$

$$(4) \sqrt{a-x} + \sqrt{a+x} = \sqrt{b}.$$

$$(5) \frac{x}{2} - \frac{y}{3} = 1.$$

$$\frac{x}{3} + \frac{y}{4} = 2.$$

4. Prove the rule for finding the Greatest Common Measure of two quantities.

Find the G.C.M. of  $6a^2 - a - 2$  and  $21a^3 - 26a^2 + 8a$ .

5. The product of four consecutive odd numbers is 945; find the numbers.

6. Form the quadratic whose roots are the sum and the sum of the reciprocals of the roots of  $x^2 + ax + b = 0$ .

7. What do eggs cost per dozen when 12 fewer in a shilling's worth raises the price 2d. per dozen?

8. If  $c$  is a mean proportional between  $a$  and  $b$ , find  $\frac{a}{b}$  when

$$\frac{a}{b} = 2. \frac{a+c}{b+c}.$$

9. Define a logarithm.

In common logarithms what are the *mantissa* and the *characteristic*? Show that  $\log_b a \cdot \log_a b = 1$ .

10. Given  $\log_{10} 2 = \cdot 301$ ,  $\log_{10} 3 = \cdot 477$ , find  $\log 500$ ,  $\log 162$ ,  $\log \cdot 06$ ,  $\log 360$ ,  $\log \cdot 001$ .

11. If  $\tan A = 1$ , find all the values of  $\sin A$  and  $\cos A$ .

12. Define circular measure. Express  $72^\circ$  in terms of it. Show that, if  $\theta$  is small,  $\sin \theta$  lies between  $\theta$  and  $\theta - \frac{\theta^3}{4}$ .

13. Assuming the logarithms already given, find the angles of the triangle whose sides are 9, 12, 15.

14. Solve the triangle  $a = 200$ ,  $b = 250$ ,  $A = 40^\circ$ .

## NATURAL PHILOSOPHY.

## DYNAMICS.

1. Three forces in one plane act upon a material point. Show how to find a single force which will, with them, maintain equilibrium.

2. If three tacks, A, B, C, are driven into a vertical wall, B and C being on the same level, find the pressures on the tacks if a weight, W, hangs at each end of a string going round them, and friction is neglected.

3. Define a "couple." Show that two couples acting on a rigid body have the same effects if they have equal moments.

4. Show how to find the centre of inertia of a triangle. Hence find that of a frustrum of a triangle cut off by a given line parallel to the base.

5. What is meant by the step of a screw? If the thread of a screw makes 25 turns in 3 inches, and the arm is 24 inches, what force must be applied to sustain a weight of 1 cwt.?

6. Explain the construction and prove the principle of the common steel-yard.

7. State the laws of friction.

A uniform ladder rests at an angle of  $\theta^\circ$  to the horizon on a floor against a wall. If the coefficient of friction against both floor and wall be  $\frac{1}{3}$ , what is the angle at which sliding will begin?

8. Investigate the motion in the case of an elastic sphere overtaking another elastic sphere moving in the same line, pointing out the experimental result used in the investigation.

*Example:* 1st ball, 7 lbs., moving with velocity 5 feet per second; 2nd ball, 13 lbs., moving with velocity 3 feet per second,  $e = \frac{1}{2}$ .

9. A heavy body is thrown vertically upwards with a velocity  $v$  feet per second. When does it pass a given level in ascending and descending? What is its velocity at passing?

10. Define simple harmonic motion. Find the velocity and acceleration of the point which is in simple harmonic motion along a straight line.

11. Investigate the motion of a projectile if the resistance of the air is neglected. It starts with velocity  $v$  at angle  $\alpha$  to the horizon. When and where does it strike the ground?

12. What must be the length of a pendulum beating 10 times in a minute if the seconds pendulum is 39 inches long?

13. If an ounce bullet leaves a gun with a velocity of 800 feet per second, the gun barrel being 3 feet long, what would be the accelerating force acting on the bullet, supposing it to have been acting uniformly throughout?

## ASTRONOMY.

1. Define—Upper and lower culmination, declination, right ascension, celestial longitude and latitude, hour angle, azimuth.

2. Describe the transit instrument and its adjustments.

3. Distinguish between the inferior and superior planets. What are the differences in the motions and appearances of the two?

4. Explain the aberration of light. What is its effect on the position of a star?

5. Describe any terrestrial method for determining the velocity of light.

6. Distinguish accurately between the different kinds of years.

✓ 7. How do we prove the sun's rotation and the moon's rotation? What do you know about both?

✓ 8. Give Kepler's fundamental laws of planetary motion. What did Newton infer from each?

9. Give a brief account of the phenomena and of the causes of the phenomena of shooting stars, and of the "November shower" of meteors.

10. Describe accurately any method of taking longitudes at sea.

✓ 11. What is meant by precession of the equinoxes? Explain the effect on the position of the pole-star.

✓ 12. Is there any means of measuring the distance or the rate of approach or recession from us of any of the fixed stars?

## PHYSICS.

1. A pendulum, 39·20 inches long, vibrates seconds of mean time at a certain place. Find the force of gravity per pound of matter at that place. How much faster would the pendulum beat at a place where the force of gravity is a quarter per cent greater?

2. A square board whose edge is 2 feet long is immersed in water with one edge just at the surface. The board is inclined to the horizontal at 30°. Find the pressure on one side of it.

3. Define specific gravity. The specific gravity of lead is 11·4, that of cork 0·24. How much lead must be attached to a piece of cork weighing 3 grammes to make it sink?

4. State the law of Boyle and the law of Charles.

1,000 cubic inches of gas are taken when the barometer stands at 30·5 inches and the temperature 16° Cent. Find the volume of this gas when the pressure is 29·5 and temperature 12°.

5. What is meant in hygrometry by "saturated space"? Define the "dew point." Explain the principle of Regnault's hygrometer.

6. Describe what would be observed on comparing the behaviour of air and of carbonic acid gas, as in Andrews' experiments, under gradually-increasing pressures at the following temperatures: 20° C., 31·1° C., 33° C., 100° C.

7. How is the conductivity of a substance for heat measured?

Find how much heat is conducted in half an hour through an iron plate 2 centimetres thick and 1,000 square centimetres in area, the temperatures of the two sides being kept at 0° C. and 20° C.

[Conductivity of iron is ·163 of a gramme water-unit per second per square centimetre per degree per centimetre of thickness.]



8. Describe any elementary experiments to show diffraction of light, and describe the phenomena, the source of light being (1) homogeneous, (2) ordinary white light, (3) sun light. How is diffraction of light explained?

9. State the law of the velocity of sound in air, explaining the nature and the cause of the correction applied by Laplace to the Newtonian theoretical velocity.

10. Describe the electrophorus, and explain its action.

11. Describe the British Association unit of electric resistance. Define also unit of current on the electro-magnetic and on the electro-static absolute system of measurement.

12. Give an account of the contact theory of the pile, and show the direction of the current in the case of a copper and zinc couple immersed in dilute sulphuric acid.

13. State the law of curvature at different levels of the free surface of a liquid in the neighbourhood of a side of the containing vessel. Under what conditions is there elevation or depression above or below the plane level? Illustrate by the cases of mercury and water in glass vessels.

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FOR DEGREE WITH HONOURS.

(AND FOR SNELL EXHIBITIONS.)

*A.—IN DEPARTMENT OF CLASSICS.*

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L A T I N.

Translate—

Virgil, Georgics, II, 397-413.

Virgil, Aeneid, II, 453-468.

Horace, Epodes, 5, 87-102.

Juvenal, XI, 100-107.

Cicero de Senectute, ch. 15, §§ 51, 52.

Livy, IV, § 6—end of ch.

Tacitus, Annals, III. 28.

Catullus, 64, 38-49.

Persius, V, 62-72.

Translate into Latin Prose—

Professions of patriotism are become stale and ridiculous. For my own part, I claim no merit from endeavouring to do a service to my fellow-subjects. I have done it to the best of my understanding; and, without looking for the approbation of other men, my conscience is satisfied. What remains to be done concerns the collective body of the people. They are now to determine for themselves, whether

they will firmly and constitutionally assert their rights; or make an humble, slavish surrender of them at the feet of the ministry. To a generous mind there cannot be a doubt. We owe it to our ancestors to preserve entire those rights which they have delivered to our care: we owe it to our posterity not to suffer their dearest inheritance to be destroyed. But if it were possible for us to be insensible to these sacred claims, there is yet an obligation binding upon ourselves from which nothing can acquit us—a personal interest, which we cannot surrender. To alienate even our own rights would be a crime as much more enormous than suicide, as a life of civil security and freedom is superior to a bare existence; and if life be the bounty of heaven, we scornfully reject the noblest part of the gift, if we consent to surrender that certain rule of living, without which the condition of human nature is not only miserable but contemptible.

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## G R E E K .

Translate—

Homer, *Odyssey*, IX, 116-135.  
 Sophocles, *Œdipus Tyr.*, 326-349.  
 Euripides, *Hippolytus*, 215-227.  
 Herodotus, I, 194—end of § 6.  
 Thucydides, VI, 34, § 7—end of ch.  
 Plato, *Phædo.*, ch. 47—to p. 99A.  
 Aristophanes, *Equites*, 303-318.

Translate into Greek Prose—

The service of philosophy and of religion and culture as well, to the human spirit, is to startle it into a sharp and eager observation. Every moment some form grows perfect in hand or face; some tone on the hills or sea is choicer than the rest; some mood of passion or insight or intellectual excitement is irresistibly real and attractive for us—for that moment only. Not the fruit of experience, but experience itself is the end. A counted number of pulses only is given to us of a variegated, dramatic life. How may we see in them all that is to be seen in them by the finest senses? How can we pass most swiftly from point to point, and be present always at the focus where the greatest number of vital forces unite in their purest energy? To burn always with this hard gem-like flame, to maintain this ecstasy, is success in life. Failure is to form habits: for habit is relative to a stereotyped world; meantime it is only the roughness of the eye that makes any two persons, things, situations, seem alike.

## GENERAL PAPER.

1. Translate, with notes explanatory of the syntax and forms:—

Τοῖσι δ' ἀπὸ νύσσης τέτατο δρόμος· οἱ δ' ἅμα πάντες  
καρπαλίμως ἐπέτοντο κονίοντες πεδίοιο  
τῶν δὲ θέειν ὄχ' ἄριστος ἦν Κλυτόνηος ἀμύμων·  
ὅσσον τ' ἐν νειῷ οὖρον πέλει ἡμιόνουιν,  
τόσσον ὑπεκπροθέων λαοὺς ἴκεθ', οἱ δ' ἐλίποντο.

2. Explain the following Homeric epithets—*κητώεσσα, ἡεροειδής, παιπαλόεις, ὀπλότατος, τριτογένεια, μιλτοπάρηος, ἡλίβατος.*

3. On what principles may History be extracted from Homer?

4. Describe the Homeric House.

5. Translate, with necessary notes:—

(1) ὦ ξεῖνε μὴ θαύμαζε, πρὸς τὸ λιπαρὲς  
τέκν' εἰ φανέντ' ἄελπτα μηχανύνω λόγον·

(2) εἰ δ' ἐξέφυσα τάσδε μὴ 'μαντῷ τροφὸς  
τὰς παῖδας, ἢ τᾶν οὐκ ἂν ἦ, τὸ σὸν μέρος.

(3) ὅπου δ' ὑβρίζειν δρᾶν θ' ἂ βούλεται παρῇ,  
ταύτην νόμιζε τὴν πόλιν χρόνῳ ποτὲ  
ἐξ οὐρίων δραμοῦσαν ἐς βυθὸν πεσεῖν.

6. "Euripides is the representative of the 'Young Athens'." Discuss this statement.

7. Estimate critically the representations given by Aristophanes and Thucydides of the character and policy of Cleon.

8. The Ionians as described by Herodotus in Book I.

9. State and criticise the theory of ἡ μετρητικὴ τέχνη in the Protagoras.

10. 'Neque ambigitur quin Brutus idem qui tantum gloriae superbo exacto rege meruit, pessimo publico id facturus fuerit, si libertatis immaturae cupidine priorum regum alicui regnum extorsisset.' Estimate the truth of this criticism.

11. 'Dum veritati consulitur, libertas corrumpebatur.' In what particular connexion does Tacitus use these words? How far do they supply a formula for the character and career of Tiberius?

12. The causes which determined the character of Roman Satire.

13. Friendship as conceived by Plato and Cicero respectively.

## B.—IN DEPARTMENT OF MENTAL PHILOSOPHY.

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### L O G I C.

#### FIRST PAPER.

1. Define the province of Formal Logic. How is it distinguished from and how related to Inductive Logic? Compare on these points the views of Whately, Hamilton, Thomson, and Mill.

2. State precisely the nature of the Logical Judgment. Explain the nature of Affirmation and Negation. Notice thorough-going Affirmation and thorough-going Negation.

3. State and examine the law of Non-contradiction. State the conditions of its application. Show whether the negative sphere implies affirmation or determination. Analyse and criticise the phrase —*Omnis negatio est determinatio*. Show what it truly means.

4. Explain psychologically the nature of *Belief*. Notice Hume's view. Examine Hamilton on the relations of Belief and Knowledge. How are "degrees of belief" tabulated by Thomson in reference to Judgment?

5. What is meant by the Composition of Causes? Distinguish between Complex and Heteropathic Effects. What rules are given for the investigation of the laws of complex effects?

6. What limits, according to Mill, exist to the explanation of Laws of Nature? Criticise his statements.

7. Explain the nature of Analogical Evidence. Compare it with Inductive.

8. Examine Mill's statements regarding the Relativity of Knowledge, and his criticism of Hamilton on this subject.

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#### SECOND PAPER.

1. Criticise Locke's definition of Knowledge; and his views of the nature and origin of the ideas of Space, Time, and Power.

2. State precisely Hume's hypothesis of the origin of Knowledge. Show its principal applications. Criticise it.

3. State the possible meanings of the phrase "limit of Knowledge." Examine statements regarding the transcending of the limit. Criticise them.

4. Examine Berkeley's statement that *esse is percipi*. What precisely was Reid's reply to this, and was it relevant or not? Compare Berkeley's statement with Ferrier's principle as given in his *Institutes*. Notice ambiguities in Ferrier's doctrine.

5. Compare Kant and Hamilton on External Perception. How far do they agree, and how far do they differ on the Relativity of Knowledge.

6. State and examine (a) the basis of the Logic of Hegel, (b) the principle and application of the dialectic.

7. State and criticise the theology of Hegel.

8. Examine Grote's view of the doctrine of Protagoras.

## MORAL PHILOSOPHY.

### FIRST PAPER.

1. What connection does Plato establish between Justice in the State and Justice in the Individual? Criticise his view.

2. Give and criticise Aristotle's theory of pleasure, and of its connexion with happiness.

3. Explain Spinoza's doctrine of Knowledge *sub specie aeternitatis*, and show its connexion with his general system.

4. State precisely the meaning of the terms "Transcendent" and "Transcendental" in Kant's Philosophy. Distinguish the transcendental method from the empirical and *a priori* methods of his predecessors.

5. The distinction in Kant's ethics between the Autonomy and the Heteronomy of the Will. How is Kant's treatment of the subject affected by the dualistic element in his philosophy? Criticise his view.

6. Define Mysticism, and indicate its significance as a recurring phenomenon in religion and philosophy. What ancient and modern systems would require especially to be considered in a history of this tendency?

7. Discuss the moral extremes of Individualism and Socialism. What are the elements of truth in each, and how may they be reconciled?

8. Discuss the social and political efficacy of the Spiritual Power in the Middle Ages, with special reference to Comte's proposal for its revival in a new form.

### SECOND PAPER.

1. "Progress consists in continual Differentiation and Integration." Examine the application of this doctrine of Spencer to man's moral history.

2. What are the relations of Psychology to Physiology?

3. "Hedonism ceases to be Hedonism when its principle is universalised." Explain and examine this objection to modern utilitarianism.



4. On what grounds are legal penalties to be justified? Apply your view to the question of capital punishment.
5. Explain and examine Kant's criticism of the physico-theological argument.
6. Examine the grounds upon which Philosophical Pessimism has been based in modern times.
7. Give and criticise Hegel's view of Freedom in the Will.
8. Compare the Platonic, Kantian, and Hegelian uses of the term "Idea."

### *C.—IN DEPARTMENT OF MATHEMATICS.*

## MATHEMATICS.

### FIRST PAPER.

1. In any right-angled triangle, any rectilineal figure described on the side subtending the right angle is equal to the similar and similarly described figures on the sides containing the right angle.

2. To draw a straight line perpendicular to a given plane from a given point without it.

3. From two given points without a straight line, but on the same side of it, show how to draw two straight lines meeting on the given straight line and equally inclined to it.

Examine the case when the two given points are on opposite sides of the given line.

4. Two circles intersect: show that their common chord bisects their common tangent.

5. Prove  $\log(ab) = \log a + \log b$ .

Given  $\log_{10} 4336 = 3.63708927$ , apply the above theorem to find  $\log_{10} 4340336$  correct to eight decimal places. [ $10e = .43429448$ .]

6. What is the smallest value of  $4x^2 - 7x + 9$ , when  $x$  is real?

7. Find the number of permutations of  $n$  things  $r$  at a time. For what value of  $r$  is the number of permutations greatest when  $n$  is fixed?

Fifteen men are arranged in three parties of four, five, and six in each; in how many ways can the men be arranged?

8. Find the coefficient of  $x^n$  in the expansion of  $\frac{1}{ax^2 + bx + c}$ .

If the expansion be

$$\dots + u_r x^r + u_{r+1} x^{r+1} + u_{r+2} x^{r+2} + \dots$$

Show that  $au_{r-2} + bu_{r-1} + cu_r = 0$ ,  $r > 2$ .

9. Investigate the formula for  $\sin \frac{A}{2}$  in terms of  $\sin A$ .

10. Prove that the increment of  $\log \sin \theta$  is proportional to the increment of  $\theta$ .

11. Prove that

$$\tan (A + B + C) = \frac{\tan A + \tan B + \tan C - \tan A \tan B \tan C}{1 - \tan A \tan B - \tan B \tan C - \tan C \tan A}.$$

Show that the roots of

$$x^3 + 1 + a(x^2 + 1) + b(x - 1) = 0$$

are the tangents of angles whose sum is  $\frac{\pi}{4}$

12. What is the difference between  $\sin^{-2}x$  and  $(\sin^{-1}x)^2$ ?

Prove (without the differential calculus) that the expansion of  $\sin^{-1}x$ , as far as  $x^5$  is

$$x + \frac{1}{2} \frac{x^3}{3} + \frac{1}{2} \frac{3}{4} \frac{x^5}{5}.$$

## SECOND PAPER.

1. Find the distance between the centres of the inscribed and circumscribed circles of a triangle.

Show that the radius of the circumscribing circle cannot be less than twice the radius of the inscribed circle of a triangle.

2. In any spherical triangle (usual notation) prove that

$$\sin^2 \frac{A}{2} = \frac{\sin(s-b) \sin(s-c)}{\sin s \sin(s-a)}.$$

3. Show how to solve a spherical triangle, given the sides,  $a$ ,  $b$ , and the angle  $C$ .

4. Investigate expressions by which the equation of a curve in rectangular coordinates may be transformed to another set of rectangular coordinates having the same origin.

Transform  $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$  referred to rectangular axes, into the form  $x^2 + y^2 = c^2$ . What are the new axes?

5. Investigate the equation of a hyperbola in rectangular coordinates.

Prove that a confocal ellipse and hyperbola intersect at right angles.

6. Show that two systems of straight lines can be drawn on a hyperboloid, each line of one system intersecting all lines of the other system, but none of its own system.

7. Investigate the equation of the tangent plane at any point (not a singular point) of the surface  $f(x, y, z) = 0$ .

If  $\frac{df}{dx}, \frac{df}{dy}, \frac{df}{dz}$  be each zero, at some point, find the locus of tangent lines at that point.

8. Define a differential coefficient: and if  $y = f(x)$ , prove that

$$\frac{dy}{dx} = \frac{1}{\frac{dx}{dy}}.$$

If  $y$  is an explicit function of  $x$ , prove

$$\frac{d^2y}{dx^2} \frac{dx}{dy} \left[ \frac{d^2x}{dy^2} \frac{dy}{dx} \right]^3 = 0.$$

9. Investigate the polar equation of the tangent at any (not singular) point of the curve  $r=f(\theta)$ .

10. (1) If  $z=x^2+y$ , and  $y=z^2+x$ , find  $\frac{dz}{dx}, \frac{dy}{dx}, \frac{dz}{dy}$ .

(2) Show how to find  $\int x^m (a+bx)^n dx$ , when  $m$  is a positive, and  $n$  a negative integer.

$$\text{Find } \int x^3 (a+bx)^{-2} dx$$

- (3) Find a formula of reduction for  $\int \theta^n \sin \theta d\theta$

11. Show how to solve the equation  $\frac{dx}{dx} + Py = Q$ ,  $P$  and  $Q$  being functions of  $x$ .

$$\text{Integrate } (y-x) dy + ydx = 0.$$

$$\text{Integrate } \frac{d^1y}{dx^2} = ax + by.$$

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## NATURAL PHILOSOPHY.

### FIRST PAPER.

1. Enunciate Kepler's laws, and enunciate and prove Newton's deductions from them.

2. What is the hodograph? Show that a finite arc of the hodograph represents the whole acceleration during the corresponding time.

Prove that the hodograph of a planet or comet's motion is a circle.

3. Find the attraction of a hemispherical homogeneous mountain on a particle at its base.

4. Enunciate D'Alembert's principle. Apply the principle of virtual velocities to deduce the equation of energy.

A sphere rolls down another perfectly rough fixed sphere from rest indefinitely near the highest point; find the motion. Show that the moving sphere will leave the fixed sphere when the line joining their centres is inclined to the vertical at an angle whose cosine is  $\frac{10}{17}$ .

5. Investigate the equations of motion of a string under any forces.

Deduce the equations of small motions of a stretched string, gravity being neglected.

6. Show how the specific heat of air at a constant volume may be deduced from its specific heat at a constant pressure by aid of the observed velocity of sound.

7. Define specific heat. What relation exists between the specific heat and atomic weight of elementary bodies?

The melting-point of lead is  $325^{\circ}\text{C}$ ., and its specific heat per unit mass  $\cdot 0314$ ; show that a leaden bullet striking a target will be melted if its velocity be 112 miles per hour (or more), supposing no heat lost at striking.

8. Enunciate the first law of Thermodynamics. Describe one of Joule's experiments in support of it, pointing out precautions taken to ensure accuracy.

9. Prove the following equations in Thermodynamics, explaining the notation:—

$$(1) \quad \delta t = \frac{tke}{JK - tke \cdot ve} \delta v;$$

$$(2) \quad \frac{dL}{dt} - \frac{L}{t} = c_1 - c.$$

10. A Leyden jar of known electric capacity is charged up to a known tension and then insulated, when another jar of known capacity is charged from it, the two being connected in the manner of charging "by cascade"; find the charges in the two jars respectively, and compare the total potential energy of the two with that of the original charge.

11. Explain the principle of Electric Images, and apply it to find the distribution of electricity on an infinite conducting plane under the influence of an external electrified point.

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## SECOND PAPER.

1. Two equal masses are suspended one above the other by equal massless spiral springs. The spring of the upper mass is attached to a fixed support, and the spring that supports the lower mass is attached to the upper mass. Find the two fundamental periods. Find the position of the node in the less grave of the two.

2. A set of free particles act upon one another with attractions and repulsions, each mutual force varying in simple proportion to distance. Write down the equations of equilibrium; also the equation of energy of their motion when not in equilibrium. Give the criterion for stability of the equilibrium.

3. Give the equation of rectilinear motion of a single particle under the influence of a force varying as the distance from a fixed point and a resistance proportional to velocity. Find the criterion of oscillatory and non-oscillatory subsidence to equilibrium.

4. Find the velocity of propagation of waves in water, of which the depth is small in comparison with the wave length.

5. Investigate generally the motion of water in deep-sea waves, with straight parallel lines of crests and hollows. Find the velocity of propagation when the wave length is small in comparison with the depth.

6. Solve the differential equation—

$$\frac{d^n x}{dt^n} + A_1 \frac{d^{n-1} x}{dt^{n-1}} + \&c. + A_{n-1} \frac{dx}{dt} + A_n = 0.$$

Where  $A_1 A_2 \dots A_n$  are given constants. Under what conditions is every particular solution a periodic function of  $t$ ?

7. Find the centre of inertia of an arc of a circle.

8. Find the centre of inertia of a hemisphere, in which the density varies in simple proportion to the distance from the centre.

9. Define "moment of inertia." Find the moment of inertia of an ellipse about its minor axis, and also about a line parallel to the minor axis and passing through one extremity of the major axis.

10. A particle describes an ellipse under a force always directed to the centre. Find the law of the force.

11. Find the time of falling from rest down any arc of an inverted cycloid.

## II.—FOR LL.B. AND B.L.

### LAW OF SCOTLAND.

1. Can Railway Companies restrict their liability as common carriers, and if so under what conditions?

2. In the case of landlord and tenant what are the obligations of parties as to rent and re-building, in the event of total or partial destruction of the subjects by fire during the currency of the lease?

3. A person residing in Aberdeen receives from a person in Glasgow an offer to sell him certain property, and a letter of acceptance is posted in Aberdeen on the same day on which a recall of the offer is posted in Glasgow. What is the legal result?

4. In an agreement for the purchase of goods by number, weight or measure, when does the risk pass in the two cases of the goods forming part of a mass, and of the whole mass being sold?

5. Explain the doctrines of representation and warranty in the law of insurance.



6. What is the rule of common law as established by *Cox v. Hickman*, 8 H. L. Cas. 268, regarding the effect of participation in profits towards rendering a man liable as a partner, and what are the statutory provisions on the subject?

7. What is a *condictio indebiti*, and under what conditions is it competent?

8. Distinguish between a positive and a negative servitude, and give an example of each. In what ways respectively may these different kinds of servitude be constituted?

9. Explain the distinction between intrinsic and extrinsic qualities of an oath on reference. Is compensation admissible as an intrinsic quality under any, and, if so, under what conditions, on a reference of resting-owing?

10. What is the *collatio bonorum inter liberos*, and in what circumstances does it apply?

11. Explain generally the principle of the condition *si sine liberis decesserit*, and the cases to which it applies.

12. Examine the bearing of subsequent decisions on the doctrine stated by Bell (Princ. § 1533) that "recrimination is no bar to divorce, . . . but it may entitle the party first injured to have divorce preferably to the other, with all the benefit thence accruing."

## II. CIVIL LAW.

(It is sufficient to answer any ten questions well.)

1. Give a short sketch of the form of a litigation in the three epochs of Roman law.

2. Who were the five great jurists, and what were the three *juris-præcepta*?

3. Who were the *jurisprudentes* or *jurisconsulti*, and what was the weight attached to their *responsa* (1) under the early Roman law, (2) under Augustus, and (3) under Hadrian?

4. In what (four) ways did a son cease to be *in patriâ potestate*?

5. What was a prædial servitude, and what were the (five) rural prædial servitudes?

6. If a testator bequeathed a thing which he afterwards parted with, what were the rights of the legatee on the testator's death?

7. What was a *usufruct*, and in what (six) ways did it come to an end?

8. Explain shortly any one of the following groups—(1) *edictum perpetuum*, *edictum in albo*, *jus honorarium*, *prætor peregrinus*; (2) *familia*, *heredes sui*, *heredes sui et necessarii*, *heredes extranei*, *legatum liberationis*, *dies cedit*, *dies venit*; or (3) *actio in rem*, *actio in personam*, *actio præscriptis verbis*, *actio bonæ fidei*, *actio stricti juris*, *exceptio*.

9. In what (five) ways did a partnership come to an end?

10. If A without B's consent made some article (1) with B's materials, and (2) partly with his own and partly with B's materials, what were the rights of each?

11. What (eight) classes of persons were incapable of acting as witnesses to a testamentary writing?

12. What was necessary to complete a contract of sale under Justinian, and when did the risk pass to the purchaser?

13. If a pursuer asked less than he was entitled to, what remedy, if any, had he as to the remainder (1) under the prætorian system, and (2) under Justinian?

14. Into what classes were obligations divided according to the mode of their constitution?

15. What was a *fidejussor*, and what was the extent of his liability where there were several *fidejussores*? What were the *beneficia divisionis*, *cedendarum actionum*, and *ordinis vel discussionis*?

### III. CONVEYANCING.

#### I.—HERITABLE ESTATE.

1. Give the purport of the provisions of the Conveyancing Act of 1874 in reference to *ipso jure* investiture.

2. What was meant when it was said that a special service included a general service in the same character? Illustrate the rule by an example or examples; and state to what extent it was modified by the Service of Heirs Act, 1847.

3. Specify, and illustrate by an example or examples, the difference in the character of the feudal right which is conferred on or vested in a trustee under (a) a conveyance of land *mortis causâ*, and (b) a conveyance of land for behoof of creditors.

4. According to the law as it existed prior to the Conveyancing Act of 1874, to what extent did (a) an infeftment *a me* not followed by confirmation; (b) an infeftment *a me* followed by confirmation; (c) an infeftment *a me vel de me* not followed by confirmation; and (d) an infeftment *a me vel de me* followed by confirmation—respectively vest the disponee?

5. A, who is infeft, feus to B; and B infefts. B reconveys to A; and A dies, uninfeft on the reconveyance, and intestate, succeeded in both estates by C. How in 1857, and how in 1877 could you (a) complete a title to them in the person of C; and (b) reunite them in his person?

6. A, who is infeft, disposes, *mortis causâ*, to himself and the heirs of his body; whom failing to B; whom failing to C:—and the settlement remains undelivered until the death of A. A having left a son D, how do you complete D's title? And assuming that D predeceased A, how do you complete the title of B?

7. A, who was infeft and confirmed, granted in 1860 a bond and disposition in security to B and his heirs and assignees whomsoever; and the deed was duly recorded in the appropriate register of sasines. B having died intestate, succeeded by two daughters, C and D, his only children, how would C and D now make up a title (a) on the assumption that B died in 1866; and (b) on the assumption that he died in 1876?

8. A, who is infert, disposes thus—to B, C and D, and the heirs of their respective bodies, whom failing then to the survivors and survivor of themselves ; and infertment is given in favour of B, C and D. C having died without issue, and without having disposed of his share either by deed *inter vivos* or by deed *mortis causâ*, how do you complete the title of the two survivors B and D ?

9. B and C enter into a contract of marriage. In this deed B's father, A, who was infert, disposes his lands of X, and B, who was also infert, disposes his lands of O “to B and C, and the survivor of them, in liferent, for liferent use allennarly, and the children “to be born of the marriage in fee”—and infertment in both of the properties is given “to B and C, and the survivor of them, in liferent, for liferent use allennarly.” B having been judicially sequestered, what are the rights of his creditors and of his children respectively (a) as regards the lands of X ; and (b) as regards the lands of O ? Give reasons for your opinion.

10. A and B enter into missives whereby A sells to B certain heritable subjects at the price of £1,500, with entry at Whitsunday, 1877—each party being taken bound to implement his part of the premises under a penalty of £300. Between the date of the missives and the term of entry, A sells the property to C—and C, who buys in the knowledge of the previous sale to B, accepts a conveyance, and is infert thereon. (a) May A get rid of the sale to B by payment of the penalty ? Give reasons for your opinion. And (b) has B any rights as against C ? And if so, what are they, and how may he render them effectual ? Give reasons for your opinion.

11. B, who has no right to, and, indeed, no connection with the lands of X, sells and disposes them to C, with absolute warrandice ; and C is infert on the conveyance. Thereafter B acquires right to the lands under the settlement of A, the true owner ; and having completed a title to the property, he sells and disposes it to D, with absolute warrandice, and infertment follows on the conveyance. A competition then ensues between C and D. Which of the two rights is the preferable ? Give reasons for your opinion.

## II. MOVEABLE ESTATE.

12. Explain (a) the nature, and (b) the effect of Confirmation.

13. Where a Will omits to name an Executor, and a competition ensues for the office, specify the order of preference.

14. Explain what is meant by confirmation *ad omissa*.

## IV.—PUBLIC LAW.

### I. PHILOSOPHY OF LAW.

1. What is the principle of all law as stated by Ahrens ? Give your own explanation or criticism of this principle.

2. What are the theories of property founded on *Occupatio*, labour, and law alone? State your opinion as to the true principle of property.

3. What is the best classification of obligations?

## II. PRIVATE INTERNATIONAL LAW.

1. What are the exceptions to the enforcement of foreign laws in our courts?

2. A marriage between a man and his deceased wife's sister takes place in a country where such marriages are lawful, and which is the domicile of both parties; should we recognise this marriage as valid in Scotland and the children as legitimate in Scotland to any and what effects? Reasons expected.

3. An unmarried woman of full age, domiciled in a country governed by Roman Law, becomes cautioner in Scotland. Is her cautionary obligation binding? Reasons expected.

4. A bill is drawn by a Frenchman upon a Scotchman then resident in France, and is accepted and made payable there. The acceptor is sued in the courts of his Scotch domicile seven years after the day of payment. What law decides the meaning and effect of his obligation, and the prescription thereto applicable? Explain the views of Savigny.

## III. HISTORY OF LAW.

1. What is the history of the "Law of Nature"?

2. What were the *Agri limitroph*i, and explain their connection with the rise of the feudal system?

3. Explain Maine's statements that the movement of progressive societies has hitherto been from *status* to contract.

## IV. PUBLIC INTERNATIONAL LAW.

1. Explain the meaning and application of the principle of "Exterritoriality."

2. What are the points of the Declaration of Paris, 1856?

3. What is the Law of Reprisals?

4. France and America being at war and Great Britain neutral, a British ship with a British cargo is despatched under British convoy to New York. What are the rights of the French cruisers over this British ship and cargo in the event of her coming into their power?

## V. CONSTITUTIONAL LAW.

### SPHERE AND DUTIES OF GOVERNMENT.

1. Is a state entitled in principle to impose restrictions upon the freedom of individuals, beyond what may be necessary for the security of the state and its members generally?

2. Explain the views of Humboldt on the existing laws of marriage and divorce, arising out of his theory of the relations between the state and individuals.

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## V.—CONSTITUTIONAL LAW AND HISTORY.

1. What is the leading provision of the statute passed in the reign of Henry VII. to protect the subject against the consequences of breaches of allegiance in times of usurped authority?

2. What military forces were originally at the disposal of the sovereigns of England, and for what services could they be employed? When and for what purpose were the standing army and the militia permanently established?

3. What was the origin of the Star Chamber? What function was it intended to perform? What jurisdiction did it exercise, and in what manner? And when and by whom was it abolished?

4. What were the leading provisions of the Triennial Bill passed at the beginning of the Long Parliament?

5. Explain the two maxims, "The king can do no wrong," and "The king never dies."

6. When was the prohibition against the publication of the debates of the House of Commons discontinued, and what led to the discontinuance? And upon what basis does the publication of the debates at present rest?

7. By what body is the judicial authority of the Privy Council now exercised? In what reign was it appointed, and in what matters has it jurisdiction?

8. Are Scotch and Irish peers entitled to be returned as members of the House of Commons, and for what terms are Scotch and Irish representative peers entitled to sit in the House of Lords?

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## VI.—MEDICAL JURISPRUDENCE.

1. A dead body is found in a recumbent position, and with three deeply incised wounds upon the throat. What circumstances in connection with the body would indicate that the wounds were—

(*a.*) The cause of death.

(*β.*) Self-inflicted.

(*γ.*) Homicidal in character.



2. Supposing you were called upon to defend a prisoner charged with the crime of rape, discuss the various points which, being brought out in evidence, would enable you successfully to rebut the charge.

3. What is the medico-legal meaning of the term Infanticide? How may this crime be established?

4. What injuries, arising from natural causes, may prove fatal to a child about the period of birth?

### III.—BURSARY AND PRELIMINARY EXAMINATION.

NOVEMBER, 1877.

### L A T I N.

Translate into English :—

1. Passage from Virgil, 20 lines.
2. Passage from Livy, 20 lines.

### FOR LATIN PROSE.

Translate into Latin Prose :—

The armies came to an engagement at a short distance from the foot of Mount Vesuvius, where the road led to the Vesperis. The Roman Consuls, before they led out their forces to the field, performed sacrifices. We are told that the haruspex showed Decius that the head of the liver (*iecur*) was wounded on one side; but Manlius found the omens highly favourable. On which Decius said 'All is well yet, since my colleague's offering has been accepted.' With their troops arrayed in the order already described they marched forth to battle. Manlius commanded the right wing; Decius the left. At the beginning the conflict was maintained with equal vigour, and like courage on both sides; afterwards the Roman hastati on the left wing, unable to withstand the violence of the Latin charge, retreated towards the principes. On this disorder happening the brave Decius, offering up a prayer to the gods, ordered his lictors to go to Titus Manlius, his colleague, and to inform him without delay that he had devoted himself for the army. He himself in full armour leapt upon his horse, and plunged into the midst of the enemy. He appeared in the view of both armies far more majestic than one of human race, as if sent from heaven to expiate all the wrath of the gods, to avert destruction from his friends, and transfer it to the side of their enemies.

## LATIN GRAMMAR.

1. Decline the following combination in full throughout the Singular Number, *dulcis illa species*; and the following throughout the Plural, *horrens ater fluctus*.

2. Write down the 1st person singular of the imperfect and pluperfect indicative Active, the 2nd pers. sing. of the present and perfect subjunctive Active, the 3rd pers. sing. of the future indicative Passive, the 1st pers. plur. of the pluperfect subjunctive Passive, and the future and past participles of the following verbs :—*munio, teneo, lego, mando, tango, do, sepelio, abscindo*.

3. Translate into English :—

Regi factum nuntiatum est; quam rem primo aegerrime tulit; postea autem, et audacia et arte hominis attonitus, veniam ei atque dona amplissima promisit. Fur edicto fidem adhibens, ad regem accessit, qui magna admiratione hominis ductus, filiam ei in matrimonium dedit.

4. Translate the following sentences into Latin :—

(1) Then the consuls, surrounded on all sides by the enemy, resolved to sue for peace.

(2) The general replied that they must first lay down their arms.

(3) Envoys were with all haste despatched to Rome to consult the Senate.

(4) The answer brought back was that the consuls should hold out as best they could, and that help would be sent to them without delay.

## G R E E K.

Translate—

1. Passage from Homer, 24 lines.

2. Passage from Xenophon, 20 lines.

## GREEK GRAMMAR.

1. Decline in singular, dual and plural :—ὁ ἀληθὴς βασιλεὺς, τὸ πλατὺ τεῖχος, αὐτὴ ἡ πόλις.

2. Write down the first person singular, present tense, indicative mood, of the verb from which each of the following comes, and state what part of the verb each is :—ἐλθόντες, ἐφίλεις, ἔδωκαν, τιθέτω, πέμψετε, εἵχομεν, λάβετε, ἡγγέλθη.

3. With what cases of the noun, and in what meanings, are the following prepositions used :—κατά—πρός—ὑπό—διά?

4. Correct the grammar of these sentences :—*ἐὰν ἀγαθὸς ἐγένετο, οὐκ ἂν ταῦτα πεποίηκεν. εἰ τὰ καλὰ οὐ φιλήσῃς, οὐκ ἂν καλλὴν βίον ἄξεις.*

5. Put into Greek :—One brave man is stronger than many who fear. Let him not take what is another's. Nothing evil can come to those whom the gods love.

## ALGEBRA.

1. Divide the product of  $a + b - c$ ,  $a - b + c$ ,  $b + c - a$  by  $-b^2 - c^2 + 2bc$ .

2. Find the greatest common measure of 697 and 425 ; and show that the number found by the process *must* be the greatest common measure.

3. Simplify—

$$\frac{1}{(a-b)(a-c)(x-a)} + \frac{1}{(b-c)(b-a)(x-b)} + \frac{1}{(c-a)(c-b)(x-c)}.$$

4. If B and C, working together, take  $a$  days to a piece of work, for which C and A together take  $b$  days, and A and B together take  $c$  days ; find how long each would take by himself.

5. Find  $x$  and  $y$  from the equations—

$$ax + by = c, \quad a'x + b'y = c,$$

and explain the meaning when  $\frac{a'}{a} = \frac{b'}{b}$ .

6. If  $a : b :: a' : b' :: a'' : b''$ , prove that

$$la + l'a' + l''a'' : lb + l'b' + l''b'' :: \sqrt{a^2 + a'^2 + a''^2} : \sqrt{b^2 + b'^2 + b''^2}.$$

7. At what time between five o'clock and six are the hands of a watch three minutes apart?

8. If  $\frac{a}{b}$  be greater than  $\frac{x}{y}$ , show whether  $\frac{a+x}{b+y}$  and  $\frac{a-x}{b-y}$  are greater than both, less than both, or intermediate.

9. Find the number of permutations, and also the number of combinations of  $n$  things  $r$  together.

## GEOMETRY.

1. If two triangles have a side of the one equal to a side of the other, and two angles of the one equal, each to each, to two angles of the other similarly situate with respect to the equal sides, the two triangles are every way equal.

2. If the square on one side of a triangle be equal to the squares on the other two sides the triangle is right-angled.
3. From a point without a given circle, to draw a tangent to it.
4. If the sides about each of the angles of two triangles be proportionals, the triangles shall be similar.
5. Define as ratios the sine, cosine, tangent, and secant of an angle; and find the relations between these four quantities.
6. The area of a circular sector is equal to that of a triangle on the arc as base, with the radius as altitude.
7. In any triangle the sides are proportional to the sines of the opposite angles.
8. Show how to solve a triangle when two sides and the angle opposite one are given.
9. Find formulæ for the solution of a triangle by logarithms when two sides and the contained angle are given.
10. Find the radius of the circle inccribed in a hexagon of given perimeter, and hence show that  $\pi > 3 < 2\sqrt{3}$ .

## ENGLISH LITERATURE.

Composition of an Essay on a theme prescribed at the time.

## JUNIOR HUMANITY CLASS.

1. Give the gender, and genitives singular and plural of the following words:—*domus, comes, fons, respublica, clades, sanguis, amnis, tellus, corpus, imber*.
2. Conjugate and give the meaning of the following verbs:—*parco, faveo, veto, orior, gaudeo, reperio, pello, sperno, aspernor, flecto, meto, metior, mentior*.
3. Go through the present indicative of *malō* and *prosum*.
4. Put literally into Latin—
  - (1) He says that he is coming to-morrow.
  - (2) The Carthaginians sent envoys to the Senate at Rome.
  - (3) These things must be done by you.
  - (4) Fortune favours those who help themselves.
5. Translate:—

Quibus rebus cognitis, principes Britanniae, qui post proelium factum ad ea, quae jusserat Caesar, facienda convenerant, inter se collocti, cum equites et naves et frumentum Romanis deesse intellexerent, et paucitatem militum ex castrorum exiguitate cognoscerent, quae hoc erant etiam angustiora, quod sine impedimentis Caesar legiones transportaverat, optimum factu

esse duxerunt, rebellione facta, frumento commeatuque nostros prohibere et rem in hiemem producere, quod iis superatis, aut reditu interclusis, neminem postea belli inferendi causa in Britanniam transitorium confidebant. Itaque, rursus conjuratione facta, paulatim ex castris discedere ac suos clam ex agris deducere coeperunt.

(a) Parse and conjugate *cognitis, collocuti, intellegent, factu, coeperunt*.

(b) In what other ways could you express *quibus rebus cognitis, belli inferendi causa*?

(c) Give the derivations of *frumentum, angustiora, impedimentis, rebellio, nemo, paulatim, conjuratio*.

## V. JUNIOR GREEK CLASS.

FIRST EXAMINATION, 9TH FEBRUARY, 1878.

1. What classes of nouns are comprehended in the first, second, and third declensions respectively? What is the "Attic" second declension? How do you explain the inclusion of certain vowel-stems in the third declension?

2. After each of these words write its *stem*—*λαμπάς, λύσας, μήτηρ, κρέας, δείκνυμι, οἶδα, γένος, μέλας, χαρίεις, τίθημι, ὄνομα, πένης*.

3. Decline the following:—*τιμή, πολίτης, νοῦς, γέρων, σῦς, βασιλεύς, κέρας, ἐγώ*.

4. Decline the following—*ἐυγενής, διδούς, ὅστις*.

5. Under each of the following write its comparative and its superlative—*μέγας, μάκαρ, κοῦφος, πένης, ταχύς, αἰσχρός, ἄξιος*.

6. After each of the following write down its *voice, mood, tense, number, person, and 1st present indicative active*—*εἰτίμας, δουλοῦσθων, λέλυνται, ἔστω, ποιοῖεν, τιθέασι, ἰστάτω, στήναι, τιμήσονται, ἐδόθη, πεπλέξομαι, ἐδείκνυτον, ἴστω, ἦσθα*.

7. Go through the tense of each of the following—*οἶδα, ᾗειν, εἰμί, ἐποιεύμην, δουλώμαι, ἴστην*.

8. What is the derivation and meaning of the word *tense*? Classify the tenses of the Greek verb as (1) Principal, (2) Historical.

9. What is meant by the *mood* of a verb? Enumerate the moods of the Greek verb, explaining the name of each mood, and the way in which it is used.



10. What is the distinction between a *verbal* stem and a *tense-stem*? Write down the verbal stem of λύω, and the stems of its several tenses. What tenses are wanting in λύω, and why? Give examples of them from some other verb.

11. What are the two classes of verbs in μι? Why is *v* long in δείκνυμι, but short in δείκνυμεν? Why is *a* short in φάμεν, but long in φᾶσι?

12. After each of the following write the *verbal* stem, explaining how the *present* stem has been formed from it—ἔζομαι, τείνω, βάλλω, φεύγω, φυλάσσω, τύπτω.

13. After each of the following write the *verbal* stem, explaining how the *future* stem has been formed from it—ἄσω, λύσω, πλεύσομαι, φανῶ, ἔάσω, τελῶ.

14. (A.) Translate into English—

(1.) οἱ ἥρωες μείζους εἰσὶ τῶν ἀνθρώπων καὶ ἥσσους τῶν θεῶν.

(2.) ἡ πόλις τιμάτω τὸν λελυκότα τοὺς πολίτας, ὅς νέος ὦν ἔδειξε γέροντος νοῦν.

(3.) ὁ ἀγαθὸς βασιλεὺς ἐστὶν ἅλς τῆς χώρας, καὶ ὁ κακός ἐστι κακὸν μείζον χιλίων θήρων.

(B.) Translate into Greek—

(1.) He did this in order that he might honour the city. He will give gifts to the leaders, in order that they may be enslaved.

(2.) He promises [use φημί] to go, if (ἐάν) he is set free. He promised to go, if (εἰ) he should be set free.

(3.) The temple of the Great Mother is the golden guardian of the clear torch, and she knows the ways of sweet persuasion. Who doth not honour her, and to whom is she not good?

(4.) May the five orators be happy in the upper-chambers! If (ἐάν) they say many things, old women are gentle to them; but (ἀλλὰ) young men show the mind of hostile oxen.

## SECOND EXAMINATION, 7TH MARCH, 1878.

1. (i) Arrange the Indo-European languages in groups. (ii) What is the meaning of *Aryan*? To what languages is it properly applied?

2. Give Greek and Latin words formed with the same suffixes as *bearing*, *murder*, *warm*, *vestment*, *loved*, *loud*.

3. What were the commonest forms of the personal suffixes in the Indo-European verb. How far do they remain in Greek, Latin, or English?

4. Criticise these phrases:—‘a *deponent* verb’—‘an *intransitive* verb’—the *first Aorist*’—‘the accusative of motion to a place.’

5. Define and derive *case*. Explain the terms *genitive*, *accusative*, *dative*. What was probably the earliest use of each?

6. Explain the real nature of the so-called *infinitive mood*.

7. What traces are found in Greek of the locative, ablative, and instrumental cases?

8. ‘All the parts of speech are but the modification of two, the noun and the verb.’ Explain and illustrate this.

9. Derive ‘*accidence*,’ ‘*syntax*.’ Give the Greek names and original meanings of *noun*, *pronoun*, *verb*, *adverb*, *participle*, *article*, *conjunction*, *preposition*.

10. State ‘*Grimm’s Law*.’ Show how it is exemplified by *θυγάτηρ*, *daughter*, German *tochter*. Give other examples.

### THIRD EXAMINATION, 27TH MARCH, 1878.

#### 1. Translate—

(1.) Ὀρνις ὄφεως ὡὰ εὐροῦσα, ἐπιμελῶς ἐκθερμάνασα ἐξεκόλαψε· χελιδὼν δὲ θεασαμένη αὐτήν, ἔφη· ὦ ματαία, τί ταῦτα τρέφεις, ἅπερ αὐξηθέντα ἀπὸ σοῦ πρώτης τοῦ ἀδικεῖν ἄρξεται;

(2.) Γέρων ποτὲ ξύλα ταμὼν ἐξ ὄρων, καπὶ τῶν ὤμων ἀράμενος, ἐπειδὴ πολλὴν ὁδὸν ἐπηχθισμένος ἐβάδισεν, ἀπειρηκῶς, ἀπέθετό τε τὰ ξύλα, καὶ τὸν θάνατον ἐλθεῖν ἐπεκαλεῖτο· τοῦ δὲ θανάτου εὐθὺς ἐπιστάντος, καὶ τὴν αἰτίαν πυνθανομένου δι’ ἣν αὐτὸν καλοῖη, ὁ γέρων ἔφη, ἵνα τὸν φόρτον τοῦτον ἄρας ἐπιθῇς μοι.

(3.) Ἐχὺς εἰσελθὼν εἰς χαλκουργοῦ ἐργαστήριον, ἐκ τῶν σκευῶν τῶν ὄντων ἐξήτει φαγεῖν· ἦκεν οὖν πρὸς τὴν ῥίνην, καὶ αὐτὴν παρεκάλει δοῦναι αὐτῷ τι· ἡ δὲ ὑποτυχοῦσα εἶπεν· ἀλλ’ εὐήθης εἶ παρ’ ἐμοῦ τι ἀποίσειςθαι οἰόμενος, ἥτις οὐ διδόναι, ἀλλὰ λαμβάνειν παρὰ πάντων εἴωθα.

(4.) ΖΕΥΣ. Τὴν τοῦ Ἰνάχου παῖδα τὴν καλὴν οἶσθα, ὦ Ἐρμῆ; ἘΡ. Ναί· τὴν Ἰὼ λέγεις. Ζ. Οὐκ ἔτι παῖς ἐκείνη ἐστίν, ἀλλὰ δάμαλις. ἘΡ. Τεράστιον τοῦτο· τῷ τρόπῳ δ’ ἐνηλλάγη; Ζ. Ζηλοτυπήσασα ἡ Ἥρα μετέβαλεν αὐτήν· ἀλλὰ

καὶ καινὸν ἄλλο τι δεῖνον ἐπιμεμηχάνηται τῇ κακοδαίμονι, βουκόλον τινὰ πολυόμματον, Ἄργον τοῦνομα, ἐπέστησεν, ὃς νέμει τὴν δάμαλιν, αὔπνος ὢν. ἙΡ. Τί οὖν ἡμᾶς χρή ποιεῖν; Ζ. Καταπτάμενος ἐς τὴν Νεμέαν, ἐκεῖ δέ που ὁ Ἄργος βουκολεῖ, ἐκείνον μὲν ἀπόκτεινον· τὴν δὲ Ἰὼ διὰ τοῦ πελάγους ἐς τὴν Αἴγυπτον ἀπαγαγὼν, Ἴσιν ποιήσων· καὶ τολοιπὸν ἔστω θεὸς τοῖς ἐκεῖ· καὶ τὸν Νεῖλον ἀναγέτω, καὶ τοὺς ἀνέμους ἐπιπεμπέτω, καὶ σωζέτω τοὺς πλείοντας.

(5.) Ζ. Παύσασθε, ὦ Ἀσκληπιεὶ καὶ Ἡράκλεις, ἐρίζοντες πρὸς ἀλλήλους ὥσπερ ἄνθρωποι· ἀπρεπῇ γὰρ ταῦτα, καὶ ἀλλότρια τοῦ συμποσίου τῶν θεῶν. ἙΡΑ. Ἀλλὰ ἐθέλεις, ὦ Ζεῦ, τουτονὶ τὸν φαρμακέα προκατακλίνεσθαι μου; ΑΣΚ. Νῆ Δία· καὶ ἀμείνων γάρ εἰμι. ἙΡΑ. Κατά τί, ὦ ἐμβρόντητε; ἢ διότι σε ὁ Ζεὺς ἐκεραυνῶσεν, ἃ μὴ θέμις ποιοῦντα, νῦν δὲ κατ' ἔλεον αὐθις ἀθανασίως μετείληφας; ΑΣΚ. Ἐπιλέλῃσαι γὰρ καὶ σὺ, ὦ Ἡρακλῆς, ἐν τῇ Οἴτῃ καταφλεγείς, ὅτι μοι ὀνειδίζεις τὸ πῦρ;

(6.) Κῦρος γὰρ μέχρι μὲν δώδεκα ἐτῶν, ἣ ὀλίγῳ πλείον, ταύτῃ τῇ παιδείᾳ ἐπαιδεύθη, καὶ πάντων τῶν ἡλικίων διαφέρων ἐφαίνετο, καὶ εἰς τὸ ταχὺ μανθάνειν ἃ δέοι, καὶ εἰς τὸ καλῶς καὶ ἀνδρείως ἕκαστα ποιεῖν. Ἐκ δὲ τούτου τοῦ χρόνου μετεπέμψατο Ἀστυάγης τὴν ἑαυτοῦ θυγατέρα, καὶ τὸν παῖδα αὐτῆς· ἰδεῖν γὰρ ἐπεθύμει, ὅτι ἤκουε κολὸν κάγαθόν αὐτὸν εἶναι. Ἐρχεται δ' αὐτῇ τε ἡ Μανδάνη πρὸς τὸν πατέρα, καὶ τὸν Κῦρον τὸν υἱὸν ἔχουσα. Ὡς δὲ ἀφίκετο τάχιστα, καὶ ἔγνω ὁ Κῦρος τὸν Ἀστυάγην τῆς μητρὸς πατέρα ὄντα, εὐθὺς, οἷα δὴ παῖς φιλόστοργος φύσει, ἡσπάξετό τε αὐτὸν, ὥσπερ ἂν εἴ τις πάλαι συντεθραμμένος καὶ πάλαι φιλῶν ἀσπάζοιτο, καὶ ὁρῶν δὴ αὐτὸν κεκοσμημένον καὶ ὀφθαλμῶν ὑπογραφῇ καὶ χρώματος ἐντρίψει καὶ κόμαις προσθέτοις, ἃ δὴ νόμιμα ἦν ἐν Μήδοις (ταῦτα γὰρ πάντα Μηδικὰ ἐστί, καὶ οἱ πορφυροὶ χιτῶνες, καὶ οἱ κἀνδυες, καὶ οἱ στρεπτοὶ περὶ τῇ δέρῃ, καὶ τὰ ψέλλια τὰ περὶ ταῖς χερσίν· ἐν Πέρσαις δὲ τοῖς οἴκοι, καὶ νῦν ἔτι πολλὸν καὶ ἐσθῆτες φαυλότεραι, καὶ δίαται εὐτελέστεραι),—ὁρῶν δὴ τὸν κόσμον τοῦ πάππου, ἐμβλέπων αὐτῷ, ἔλεγεν, ὦ μῆτερ, ὡς καλὸς μοι ὁ πάππος!

(7.) . . . . Ὁ δ' ἀπέσσυτο δώματος Ἐκτωρ  
Τὴν αὐτὴν ὁδὸν αὖτις, ἐϋκτιμένας κατ' ἀγνίας,  
Εὖτε πύλας ἵκανε, διερχόμενος μέγα Φάστν,

Σκαιάς, τῇ γὰρ ἔμελλε διεξίμεναι πεδίονδε,  
 Ἐνθ' ἄλοχος πολύδωρος ἐναντία ἦλθε θεούσα  
 Ἀνδρομάχῃ, θυγάτηρ μεγαλήτορος Ἡετίωνος,  
 Ἡετίων, ὃς ἔναιεν ὑπὸ Πλάκῳ ὑλήεσση,  
 Θήβῃ ὑποπλακίῃ, Κιλίκεσσ' ἀνδρεσσιν ἀνάσσων·  
 Τοῦ περ δὴ θυγάτηρ ἔχεθ' Ἐκτορι χαλκοκορυστῇ.  
 Ἡ Φοι ἔπειτ' ἦντησ', ἅμα δ' ἀμφίπολος κίεν αὐτῇ,  
 Παῖδ' ἐπὶ κόλπον ἔχουσ' ἀταλάφρονα, νήπιον αὐτῶς,  
 Ἐκτορίδην ἀγαπητόν, ἀλίγκιον ἀστέρι καλῷ.

2. Parse ἐκθερμάνασα, τρέφεις, ἐπιστάντος, ἐπιθῆς, φαγεῖν, ἀποίσεσθαι, διδόναι, ἐνηλλάγη, καταπτάμενος, πλέοντας, ἀμείνων, θέμις. ἰδεῖν, προσθέτοις.

3. Explain the construction in the following phrases:—  
 ἄπερ...ἄρξεται, καπὶ τῶν ὤμων ἀράμενος, ἵνα τὸν φόρτον τοῦτον  
 ἄρας ἐπιθῆς μοι, ἐξήτει φαγεῖν, παύσασθε...ἐρίζοντες.

## IX.—VACATION EXERCISES, &c.,

FOR SESSION 1878-79.

### CLASSES OF ORIENTAL LANGUAGES.

#### VACATION EXERCISES.

Two Prizes are offered to Students of the Junior Hebrew Class of Session 1877-78.

1. For the best profession in the book of Genesis, beginning at chapter xviii.
2. For the best original composition in Hebrew prose of not less than twenty verses.

Two Prizes are offered to Students of the Middle Class of Session 1877-78.

1. For the best profession in Hebrew.
2. For the best profession in Petermann's Chaldee Grammar and Chrestomathy and the Chaldee portions of the books of Ezra and Daniel.

Names and professions to be given in during the first week of Session 1878-79.

## MATHEMATICAL CLASSES.

## SENIOR CLASS OF 1877-78.

Examinations on Todhunter's Differential Calculus, Chapters I to VIII, X, XI, XII, XIII, XVIII to XXVI, all inclusive, and Todhunter's Conic Sections.

## JUNIOR CLASS, UPPER DIVISION, OF 1877-78.

Examinations on Euclid, Book XI, 1 to 21, inclusive; Todhunter's larger Algebra, Chapters I to XXXIX inclusive, and Blackburn's Elements of Plane Trigonometry.

## JUNIOR CLASS, LOWER DIVISION, OF 1877-78.

Todhunter's larger Algebra, Chapters I to XXIV inclusive, and XXX, XXXI.

Prizes will be given if there be sufficient competition. Names of competitors will not be received after 10th November, 1878.

## LOGIC CLASS.

## VACATION ESSAYS AND READING.

## I.—For Students of Session 1877-78.

*A. Essays.*

- (1) The Laws of Thought—their nature and sphere—with special reference to the principles of the Hegelian Logic.
- (2) The Doctrine of the Relativity of Human Knowledge—its nature and grounds.

*B. Reading.*

- (1) The *Theætetus* of Plato.
- (2) Thomson's *Outline of the Laws of Thought*.
- (3) Descartes' *Method, Meditations, Principles of Philosophy* (English Translation.)
- (4) Hamilton's *Discussions*—Viz., *Philosophy of the Unconditioned, Philosophy of Perception*, and *Logic*, with Appendix I., Philosophical.

A Student may take up one or more of the subjects prescribed. The Essays to be given in to the Professor on Tuesday, December 3rd, with sealed letter, containing author's name and motto.

The Examination in reading will take place before Christmas.



II.—For students who propose to join the Class for the first time in November, 1878, the following reading is recommended, viz.—Reid's *First Essay on the Intellectual Powers*, and Whately's *Logic, Introduction and Analytical Outline, Book I.*

Prizes will be given for Examination in this department, which will take place early in November.

## MORAL PHILOSOPHY CLASS.

I. Open to students of Session 1877-78.

An Examination on Kant's Critiques of Pure and Practical Reason.

II. Open to students of Session 1878-79.

1. An Examination on Ferrier's Lectures on Greek Philosophy, pp. 1-266, and Zeller's Socrates and the Socratic Schools.
2. An Examination on Plato's Republic (Jowett's or Vaughan's Translation).

## GREEK CLASSES.

I. Open to Senior and Private Class of Session 1877-78.

Translation into Greek Prose—*Primer of Greek Literature*, page 7, sections 5, 6.—'The Greeks were a physically beautiful race' . . . 'how perfect an instrument it is possible for human speech to be.'

II. Open to students who shall enrol in the Senior Class of Session 1878-79.

1. Translation into Greek Prose of the passage prescribed above.
2. Written Examination on Herodotus, Book II., and Sophocles, *Ajax*. (To be held in November next.)

III. Open to students who shall enrol in the Middle Greek Class of Session 1878-79.

1. Translation into Greek Prose—Sidgwick, "Introduction to Greek Prose Composition," Exercises xxi. and xxii., page 116.
2. Written Examination on Xenophon, *Anabasis*, Book III., and Homer, *Iliad*, Book VI., 1-236.

The Exercises are to be left at the Professor's house on or before November 16, 1878. Each exercise is to bear a motto (*but not the author's name*), and is to be accompanied by a sealed envelope, bearing the same motto, and enclosing the writer's name, with a statement that the Exercise is his unaided work. The envelope should be inscribed "Senior and Private Greek Class, Session 1877-78:" "Senior Greek Class, Session 1878-79," or "Middle Greek Class, Session 1878-79," according to circumstances.

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## HUMANITY CLASSES.

### I. Open to the Senior and Private Class of 1877-8.

For the best Translation into Latin Prose of Milton's *Areopagitica*—"Lords and Commons of England, consider what nation it is whereof we are," down to "would prognosticate a year of sects and schisms."

### II. Open to all Students who shall enrol in the Senior Class of 1878-9.

1. For the best Translation into Latin Prose of the passage prescribed above.
2. For a written Examination, to be held early in November, in Cicero's Four Orations against Catiline, and Virgil, *Aeneid* II.

The Exercises to be left at the Professor's house on or before 15th November next, with sealed mottoes, and envelopes stating on the outside the standing, and in the inside the name of the writer, with a statement that the exercise is the unaided work of the student sending it in.

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## X.—ABSTRACT OF PROCEEDINGS OF THE UNIVERSITY COURT,

FROM 6TH JUNE, 1877, TILL 6TH MARCH, 1878.

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The Court met on the 6th day of June, 1877. Present—the Principal in the chair, Dr. M'Grigor, Dr. Jamieson, Dr. Campbell, Dr. Cowan, and Dr. Kirkwood.

The Secretary submitted an Extract Minute of Senate of date

1st May, containing Dr. M'Grigor's re-appointment as Dean of Faculties.

An application from Mr. Wm. Dittmar, Glasgow, for the recognition of his Lectures on Chemistry for the purpose of graduation in this University, was remitted to the Senate for their report.

The Court approved of the appointment by the Senate of Mr. John Barlow, M.B., to be Muirhead Demonstrator of Physiology from 1st May, 1877.

The Court unanimously appointed the Rev. James Robertson, M.A., Edinburgh, to the vacant Professorship of Oriental Languages.

The Court met on the 12th day of July, 1877. Present—the Principal in the chair, Dr. M'Grigor, Dr. Jamieson, Dr. Campbell, and Dr. Kirkwood.

The Court approved of the appointment by Professor Ramsay, of Mr. G. A. Sonnenschein, B.A., Oxon, to be his Assistant for the year from 30th June ; and of the appointment by Professor Blackburn, of Mr. James Arthur, M.A., to be his Assistant for the year beginning 1st July.

The Court met on the 12th day of September, 1877.—Present the Principal in the chair, Dr. M'Grigor, Dr. Campbell, Dr. Cowan, and Dr. Kirkwood.

The Secretary reported that the approval of the Queen in Council of the retirement of Professor Allen Thomson, had been received and communicated to the Home Secretary, the Lord Advocate, and the Treasury ; and also that the approval had been received of Her Majesty in Council of the alterations upon the Ordinance No. 15, Glasgow No. 2, regulating the Examinations for Degrees in Medicine.

The Secretary submitted a letter from the India Office of date 21st July, 1877, intimating that this University has been placed on the list of institutions in which selected candidates for the Civil Service of India will be permitted to reside during the period of their special preparation for their future duties.

An application from Dr. F. W. Hutton, Professor of Natural Science in the University of Otago, New Zealand, to be recognized as a teacher of Zoology and Comparative Anatomy for the purpose of graduation in this University, was remitted to the Senate for their report.

The Court agreed, subject to the consent of the Chancellor, to recognize, for the purpose of graduation in this University, the Lectures on Anatomy of Dr. A. M. Buchanan.

In regard to tickets of admission to or attendance on Clinical

Lectures in the Western Infirmary, the Court recommend that no departure take place from the system adopted there during the last two sessions.

The Court approved of certain rules adopted by the Managers of the Western Infirmary as to fees to be paid by Students for Clinical Lectures, in so far as the University Professors' fees are concerned.

The Court met on the 29th day of November, 1877. Present—the Principal in the chair, Dr. M'Grigor, Dr. Jamieson, Dr. Campbell, and Dr. Kirkwood.

The Secretary reported that the Chancellor on 19th October, had given his consent to the recognition of the Lectures of Dr. A. M. Buchanan.

The Secretary submitted a further communication from the India Office, and also a Representation from the General Council, on the subject of the supervision, &c., of candidates for the Indian Civil Service. The Court delayed giving any answer in the meantime to the India Office until the Senate's views are obtained.

There was also submitted a Resolution of the General Council as to the necessity for the constitution of a permanent Scotch Board of Education, to be entrusted with the framing of the code and making other educational arrangements for Scotland; but the Court considered it inexpedient to move in the matter.

Intimation was received from the Clerk of Senate that the Rev. James Robertson, M.A., had been admitted on 9th August, to the Professorship of Oriental Languages; that Mr. John Cleland, M.D., who had produced a commission by Her Majesty, had been, on 19th October, admitted to the Professorship of Anatomy; that the Senate had appointed Mr. Charles S. Dickson, M.A., to deliver, next summer, a course of lectures on Constitutional Law and History to qualify for the Degree of LL.B.; that in view of the probable increase of the number of students attending the Humanity Classes, the Senate had sanctioned the appointment by Mr. Ramsay of an additional Assistant; and that the Senate had approved of a scheme for the present session as to the course of instruction in Public Health, and had appointed Lecturers, and, subject to the approval of the Court, had fixed the fee for the course at Five Guineas. The Court approved of the several appointments, and of the fee proposed to be charged for the Public Health Lectures.

An application from Dr. James B. Russell, Glasgow, for recognition of his proposed Lectures in summer on Public Health was remitted to the Senate for their report.

The Court unanimously appointed Mr. William Jack, M.A.,

LL.D., London, to the Examinership in Mathematics and Natural Philosophy to become vacant in the end of this year.

The Court re-appointed Mr. Henry Lamond and Mr. David Hannay to be Assistant Registrars for the purposes specified in the 35th Section of "The Representation of the People (Scotland) Act 1868."

Mr. John A. Stewart, Assistant Examiner in Classics, having asked the Secretary of the Court to inform him as to his duties in connection with the Preliminary Medical Examinations, was referred to the Ordinances for his guidance.

The Court had under consideration the desirableness of having before them, as soon as the Matriculation is closed, the state of the various classes in the University for this session, and the deficiency, if any, of the accommodation or teaching apparatus, and remitted to Messrs. M'Grigor and Kirkwood to prepare such a schedule of queries as seems fitted, when answered by the Professors, to supply this information.

The Court met on the 22nd day of January, 1878. Present—the Principal in the chair, Dr. Jamieson, Dr. Cowan, Dr. Campbell, Dr. M'Grigor, and Dr. Kirkwood.

This being the first occasion on which the Court has met since the sudden and lamented death of the late Chancellor of this University, they deem it right and befitting that they should place upon record a suitable tribute to his memory, and they accordingly remit to the Principal to prepare a short notice to that effect for insertion in their Minutes.

The Secretary reported that he had communicated to the Senate and to the Clerk of the General Council, copies of "Extracts from Regulations and Instructions respecting the training of selected candidates for the Civil Service of India," received from the India Office, and had received a letter from the Clerk of Senate intimating the arrangements proposed by the Senate for the supervision of candidates residing in this University; that he had communicated this letter to the India Office, and had received a reply asking for further information as to the mode of procedure to be adopted by the Senate in order to ascertain the diligence and good conduct of the student; and that he had transmitted this communication to the Senate.

There was laid before the Court the Report of the Librarian for the year 1876-7 as required by the Ordinance No. 68 (§ 18) of the Scottish Universities Commissioners. The Report was remitted to the Principal.

A petition from Mr. John Brown Douglas, praying the Court to overrule a recent decision of the Senate regarding the George A. Clark (Classical) Scholarships, was remitted to the Senate for their remarks.



The Court approved of the proposed fee of £1, 1s. for each student attending the advanced class in Practical Chemistry, instituted by Professor Ferguson with the approval of the Senate. The Court also approved of the re-appointment by Professor Ferguson of Mr. John Hutcheson and Mr. William Ramsay to be Assistants in Chemistry from the 19th of August last.

The Court approved of the nomination by Professor James Thomson of Mr. Archibald Barr to the office of the 'Young' Assistantship in Engineering for the year from 1st November last to 1st November, 1878.

The Court met on the 6th day of March, 1878. Present—the Principal in the chair, Dr. M'Grigor, Dr. Cowan, Mr. Alexander Crum, and Dr. Kirkwood.

Mr. Alexander Crum of Thornliebank took his seat as a Member of the Court in virtue of his appointment as the new Lord Rector's Assessor.

On the motion of the Principal, a tribute to the memory of the late Chancellor was unanimously adopted and engrossed in the Minutes.

The Secretary reported that copies of the schedule as to the accommodation of the classes had been forwarded to the Clerk of Senate with an explanatory letter; and Dr. M'Grigor and Dr. Kirkwood were appointed to examine and report on the returns to these schedules already received or still to be made.

The Court resumed consideration of the petition of Mr. John Brown Douglas, and having considered the whole matters thereanent submitted to them, unanimously affirmed the decision of the Senate, and refused the prayer of Mr. Douglas' petition.

The Secretary laid before the Court a letter from the Clerk of Senate, and a communication which he had in consequence made to the India Office, explaining the ordinary system of the University of Glasgow for the superintendence of its students and the enforcement of discipline, and intimating that the Senate would be willing to appoint a Committee of their number who should have the duty of seeing that candidates for the Civil Service living out of their parents' houses reside with suitable persons, and that their general conduct is correct.

An application from Mr. J. Falconer King, of Edinburgh, to have his lectures and classes in Chemistry recognized for the purpose of graduation in this University, was remitted to the Senate for their report.

The Court approved of the fee of £1, 1s. proposed to be charged by Professor Young for a class in Practical Zoology.

# *XI.—FINANCIAL STATEMENT OF THE UNIVERSITY FOR THE YEAR 1876-77.*

ANNUAL SALARIES (EXCLUSIVE OF CLASS FEES) ATTACHED TO OFFICE OF PRINCIPAL, AND TO THE PROFESSORSHIPS, ASSISTANTSHIPS, AND EXAMINERSHIPS IN THE UNIVERSITY, BY ORDINANCE OF THE UNIVERSITIES COMMISSIONERS AND DEEDS OF FOUNDATION.

## PRINCIPAL.

Salary, . . . . . £1,000 0 0

## FACULTY OF ARTS.

	Salaries of Professors.	Salaries of Assistants.	Allowances for Class Expenses.
Logic, . . . . .	£286 11 2	.....	.....
Moral Philosophy, . . . . .	301 2 3	.....	.....
Natural Philosophy, . . . . .	319 6 9	£100 0 0	£100 0 0
Greek, . . . . .	289 8 11	100 0 0	.....
Humanity, . . . . .	289 8 11	100 0 0	.....
Mathematics, . . . . .	312 0 0	100 0 0	.....
Astronomy, . . . . .	300 0 0	.....	.....
Civil Engineering, . . . . .	475 0 0	70 0 0*	.....
English Literature, . . . . .	200 0 0	.....	.....
	<hr/> £2,772 18 0	<hr/> £470 0 0	<hr/> £100 0 0

## FACULTY OF THEOLOGY.

Divinity, . . . . .	£425 9 5	.....	.....
Oriental Languages, . . . . .	300 0 0	.....	.....
Ecclesiastical History, . . . . .	322 15 7	.....	.....
Biblical Criticism, . . . . .	474 3 7	.....	.....
	<hr/> £1,522 8 7		

## FACULTY OF LAW.

Law, . . . . .	£310 0 0	.....	.....
Conveyancing, . . . . .	105 0 0	.....	.....
	<hr/> £415 0 0		

## FACULTY OF MEDICINE.

Medicine, . . . . .	£270 0 0	.....	.....
Anatomy, . . . . .	250 0 0	.....	£200 0 0
Natural History, . . . . .	210 0 0	.....	.....
	<hr/> £730 0 0	<hr/> .....	<hr/> £200 0 0
Carry Forward, . . . . .	£730 0 0	.....	£200 0 0

\* Salary for half a year.

	Salaries of Professors.	Salaries of Assistants.	Allowances for Class Expenses.
Brought Forward,	£730 0 0	.....	£200 0 0
Surgery, . . . . .	100 0 0	.....	.....
Midwifery, . . . . .	100 0 0	.....	.....
Chemistry, . . . . .	200 0 0	£200 0 0	70 0 0
Botany, . . . . .	230 0 0	.....	.....
Materia Medica, . . . . .	100 0 0	25 0 0	50 0 0
Institutes of Medicine, . . . . .	150 0 0	.....	.....
Forensic Medicine, . . . . .	100 0 0	25 0 0	35 0 0
Clinical Surgery, . . . . .	113 9 8	.....	.....
Clinical Medicine, . . . . .	113 9 8	.....	.....
	<hr/> £1,936 19 4	<hr/> £250 0 0	<hr/> £355 0 0

### ADDITIONAL EXAMINERS FOR DEGREES.

Three in Arts at £80, . . . . .	£240 0 0
Seven in Medicine at £40, . . . . .	280 0 0

### SUMMARY.

The Principal, . . . . .	£1,000 0 0
Art Chairs, . . . . .	2,772 18 0
„ Assistants, . . . . .	470 0 0
„ Class Expenses, . . . . .	100 0 0
Divinity Chairs, . . . . .	1,522 8 7
Law Chairs, . . . . .	415 0 0
Medical Chairs, . . . . .	1,936 19 4
„ Assistants, . . . . .	250 0 0
„ Class Expenses, . . . . .	355 0 0
Examiners in Arts and Medicine, . . . . .	520 0 0
	<hr/> £9,342 5 11

NOTE.—To the Principalship and each of the Chairs founded before 1800 an official residence is attached, and also some small allowances for Taxes, Lighting, House Repairs, &c., amounting in all to about £18.

### STATEMENT OF THE INCOME AND EXPENDITURE OF THE UNIVERSITY FOR THE YEAR 1876-77.

The College Revenue is derived—(a) From Teinds—arising from grants—by James, Archbishop of Glasgow, in 1557; by James VI, in 1577 and 1618; by Charles I, in 1630; by Charles II, in 1664 and 1670. (b) From Feu-Duties, &c., of lands granted by James, Lord Hamilton, in 1459; William and Thomas Arthurlie, 1466; Queen Mary, 1563; of the lands, &c., of the Friars Preachers, granted by Queen Mary in 1566 to the Town for pious uses, and conveyed by the Town, under Act of Scottish Parliament in 1572, to the College; and from other ancient foundations. (c) From proceeds of investments of the surplus rents of the Archbishoprick of Glasgow, from 1694 to 1839. The lease of the Archbishoprick was granted first by William III, in 1690, for nineteen years, for payment of the then debts of the University, and other University purposes. The lease was renewed by successive sovereigns till 1825, when £100 per annum from the Archbishoprick was added to the salary of the Regius Professor of Botany; and £800 per annum was granted for general University

purposes till 1839. In 1841 the Crown applied the £800 per annum to salaries for certain chairs in the patronage of the Crown. (d) From proceeds of investment from time to time of the annual surplus of income over expenditure.

The gross revenue derived from these sources amounted in 1876-77 to £10,088, 14s. 1½d. But out of this were paid Ministers' Stipends (£1,710, 16s. 3d.), Taxes, Public Burthens, &c. (£552, 7s. 7½d.), leaving net income £7,825, 10s. 2½d., of which £3,740, 0s. 7d. has been allocated at various times from 1577 to 1817 to salaries of Principal and Professors, and the balance of £4,085, 9s. 7½d. is transferred (under Ordinance 22) to the General University Fund as stated below.

### INCOME OF THE UNIVERSITY DESTINED BY DEED, STATUTE, OR ORDINANCE.

#### I. For Salaries of Professors:—

(1.) Tiends and Endowments under Charters of James VI, Charles I, and Charles II, &c., as stated above, . . . . .	£3,740 0 7
(2.) Grants of William III, Queen Anne, George I and George II, . . . . .	593 6 8
(3.) Parliamentary Grants, 1807 to 1818, for Foundation of Regius Chairs of Natural History, Surgery, Midwifery, and Botany, . . . . .	300 0 0
(4.) From the Archbishoprick of Glasgow for Regius Chair of Botany, 1825, . . . . .	100 0 0
(5.) Parliamentary Grant (1814), in lieu of King William's Lease of the Archbishoprick of Glasgow, allocated to certain Regius Chairs, . . . . .	800 0 0
(6.) Parliamentary Grants under the Financial Ordinance (No. 22) of the Universities Commission, . . . . .	675 0 0
(7.) Half Deanery of Chapel Royal (Chair of Biblical Criticism), . . . . .	334 3 7
(8.) Foundation of Conveyancing Chair, paid yearly by Faculty of Procurators, . . . . .	105 0 0
(9.) Yates (Shuna) Fund, . . . . .	80 0 0
(10.) M'Turk's Foundation, . . . . .	19 12 11
(11.) John Elder Foundation, . . . . .	225 0 0
(12.) A recent Foundation, . . . . .	50 7 2
(13.) Foundation of Clinical Surgery Chair, . . . . .	113 9 8
(14.) Foundation of Clinical Medicine Chair, . . . . .	113 9 8
(15.) Grant from the Treasury, . . . . .	297 15 8
(16.) The Black Bequest (Chair of Biblical Criticism), . . . . .	140 0 0
	£7,687 5 11
Carry forward, . . . . .	£7,687 5 11

	Brought forward, . . . . .	£7,687	5	11	
II.	For Class Assistants and Class Expenses:—				
	(1.) From General University Fund for the Chairs of Natural Phil- osophy, Anatomy, Chemistry, Materia Medica, and Forensic Medicine, under Ordinance 22,	£455	0	0	
	(2.) From Parliamentary Grant for Class Assistants, under Ordi- nance 22, . . . . .	650	0	0	
	(3.) From the Black Bequest for the “Young” Assistant, . . . . .	70	0	0	
		<hr/>	1,175	0	0
III.	For Non-Professorial Examiners, from Parliamentary Grants, under Ordinances 14 and 15, . . . . .	£480	0	0	
		<hr/>	480	0	0
		<hr/>			
Total Income destined to Maintenance of Teaching Staff, as above, . . . . .		£9,342	5	11	
Total Disposable Income (£8,848 10s. 1½d. as below, less £455 for Class Assistants and Class Expenses charged below against General University Fund), . . . . .		8,393	10	1½	
		<hr/>			
Total University Income, . . . . .		£17,735	16	0½	

### INCOME AND EXPENDITURE OF GENERAL UNIVERSITY FUND, 1876-77.

#### INCOME.

1.	Balance of Revenue from Teinds, &c., under Charters of James VI, and Charles I, and capitalized Savings, as stated p. 248, . . . . .	£4,085	9	7½
2.	Matriculation Fees, . . . . .	1,752	0	0
3.	Graduation Fees, . . . . .	2,087	5	0
4.	Library Subscriptions, . . . . .	47	15	6
5.	General Council Registration Fees, . . . . .	114	0	0
6.	Government Compensation for Stationers' Hall Privilege, . . . . .	707	0	0
7.	Income of Legacies for Library, . . . . .	55	0	0
		£8,848	10	1½

#### EXPENDITURE.

EXPENDITURE.				
I. <i>University Court and Senate</i> —				
1. Clerk of Senate,	.	.	.	£52 10 0
2. Assistant-Clerk of Senate and Outlays,	.	.	.	210 3 5
				<hr/>
				262 13 5
II. <i>General Council</i> —				
1. Registration, &c.,	.	.	.	174 16 2
III. <i>Business, &amp;c.</i> —				
1. Factor's Salary and Outlays,	.	.	.	£407 9 1
2. Law Agents' Accounts,	.	.	.	242 3 1
3. Auditor,	.	.	.	31 10 0
				<hr/>
				681 2 2
				<hr/>
Carry forward,	.	.	.	£1,118 11 9



Brought forward, . . . . .			£1,118	11	9
IV. <i>Libraries</i> —					
1. Librarians' Salaries, . . . . .	£478	0	0		
2. To Account of New Catalogue, . . . . .	77	0	0		
3. Books and Binding, . . . . .	862	0	0		
4. Stationery, &c., . . . . .	22	0	6		
				1,439	0 6
V. <i>Hunterian Museum</i> , . . . . .				292	3 2
VI. <i>Observatory</i> , . . . . .				199	16 11½
VII. <i>Buildings</i> —					
1. Repairs, . . . . .	£538	15	9		
2. Lighting, . . . . .	175	14	2		
3. Heating and Ventilating, . . . . .	561	19	10		
4. Water, . . . . .	83	11	5		
5. Insurance, . . . . .	178	14	3		
				1,538	15 5
VIII. <i>Service, Cleaning, and Maintenance of Grounds</i> , . . . . .				934	12 11
IX. <i>Class Assistants and Class Expenses</i> —					
1. Allocated by Commissioners' Ordinance, . . . . .	£455	0	0		
2. Allowed in other Classes, . . . . .	73	11	9		
	£528	11	9		
Over expended, . . . . .	104	4	10		
				632	16 7
X. <i>Printing and Advertising</i> —					
1. Printer's Accounts, . . . . .	£177	3	7		
2. Newspaper Accounts, . . . . .	105	8	11		
				282	12 6
XI. <i>Prizes and Medals</i> , . . . . .				151	1 9
XII. <i>Compensation for Graduation Fees under Commissioners' Ordinance</i> , . . . . .				54	5 0
XIII. <i>Pensions</i> — . . . . .				75	0 0
XIV. <i>Contribution to Glasgow Police</i> , . . . . .				21	0 0
XV. <i>Miscellaneous</i> , . . . . .				86	12 8
XVI. <i>Law Examiners</i> , . . . . .				15	15 0
XVII. <i>Medical Examiner</i> , . . . . .				40	0 0
Entertainments, &c., . . . . .				107	14 11
Total General Fund Expenditure, . . . . .	£6,989	19	11½		
Surplus, . . . . .	1,858	11	0		
Together equal to Income, . . . . .	£8,848	10	11½		

## INCOME OF TRUST FUNDS FOR BURSARIES, SCHOLARSHIPS, AND PRIZES.

(1.) From Capital Funds in charge of the Senate, . . . . .	£5,735	7	0½
(2.) From Estate managed by Baliol College, Oxford—14 Exhibitions, at £110, . . . . .	1,540	0	0
(3.) From Funds in the hands of the Town Council, Merchants' House, and Trustees, about . . . . .	500	0	0
	£7,775	7	0½

APPENDIX—I.

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REGISTER OF MEMBERS  
OF  
THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1st JANUARY, 1878.

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Abercromby, R., M.A., min., Norwich	Alexander, Peter, M.A., teacher, Glas.
Acworth, J., M.A., LL.D., Scarb'rough	Alexander, Robert, min., Dunfermline
Acworth, W., M.A., minister, Farris	Alexander, Wm., M.D., Dundonald
Adam, Charles, M.D., Coatbridge	Alison, Sir A., Bart., Lt.-Col., London
Adam, Hect. M., M.A., min., Marykirk	Alison, Archibald, minister, Leslie
Adam, John, D.D., min., Glasgow	Alison, Arthur, advocate, Edinburgh
Adam, John M., M.B., Glasgow	Alison, George, minister, Kilbarchan
Adam, William, teacher, Glasgow	Alison, John, M.A., min., Edinburgh
Adamson, Jas., M.D., Hetton-le-Hole	Alison, Sam. S., M.A., min., Donegore
Adamson, J. G., M.D., Ballaghy, Derry	Allan, Geo. R., B.A., M.B., Glasgow
Adamson, Wm. F., M.A., stud., Glas.	Allan, James, minister, Glasgow
Affleck, John, M.A., D.Sc., Ayr	Allan, Jas. Paul, M.D., Duntocher
Agnew, David, M.D., Dunoon	Allan, James W., M.B., Crosshill
Agnew, James M., minister, Leswalt	Allan, John, minister, Belhelvie
Aiken, Jas., M.A., writer, Dalmoak	Allan, J., M.A., surv. of taxes, Glasg.
Aiken, J. B., M.A., writer, Dalmoak	Allan, Robert, M.B., Ardrossan
Aikman, Chas. Brown, writer, Glasgow	Allan, Wm., M.A., student, Glasgow
Aikman, J. Logan, D.D., min., Glas.	Allardice, John, M.A., student, Shotts
Aikman, John, M.D., Glasgow	Allen, Charles, M.A., min., Convoy
Aikman, Robert S., writer, Glasgow	Allen, Robert A., M.D., Chatham
Aird, Hugh, M.A., minister, Brechin	Allen, Wm. B., M.B., Glasgow
Aitken, James, minister, Kilmarnock	Allison, Alexander, M.D., Renfrew
Aitken, Jas. Macall, M.D., Kilmarnock	Allison, James, minister, Cupar-Fife
Aitken, John, M.D., Govan	Allnatt, R. H., M.D., Frant, Sussex
Aitken, Robert Easton, C.A., Glas.	Almond, Hely H., Musselburgh
Aiton, Thomas, B.A., min, Sauchie	Alpine, G., M.A., B.D., min., C'tbridge
Alcock, Abraham, M.D., New Ross	Alston, Andrew, minister, Newmilns
Alexander, Arch., M.A., Kirkintilloch	Alston, James M., M.D., Airdrie
Alexander, John, M.A., min., Partick	Alston, John Wm., writer, Glasgow
Alexander, J. B., M.A. stud., Greeno'k	Anderson, A. M'G., M.D., Dundee

- Anderson, David, min., Ceres, Fife  
 Anderson, F. F., M.A., min., Whithorn  
 Anderson, Geo., min., New Cumnock  
 Anderson, Henry, minister, Partick  
 Anderson, Hugh, M.B., Glasgow  
 Anderson, James, M.B., Johnstone  
 Anderson, Jas. H., manufact., Lond.  
 Anderson, Jas. Rae, M.D., Waterbeck  
 Anderson, Jas. W., M.D., Glasgow  
 Anderson, John, M.A., min., Falkirk  
 Anderson, J., B.D., min., Glasgow  
 Anderson, Jonath., writer, Glasgow  
 Anderson, Mw. S., M.A., stud., Glasg  
 Anderson, Rt., D.D., min., Milnathort  
 Anderson, Robert, minister, Kilsyth  
 Anderson, Rt. Carew, M.D., Waterford  
 Anderson, Robert H., manufact., Lon.  
 Anderson, Thos. A., writer, Glasgow  
 Anderson, T. M'Call, M.D., prof., Glas.  
 Anderson, William, min., Fettercairn  
 Anderson, Wm., J.P., Edinburgh  
 Anderson, W., min., Boyndie, Banff  
 Anderson, William, minister, Cults  
 Anderson, Wm. H., M.B., Arbroath  
 Anderton, G. L., M.D., Douglas, I. of M.  
 Andrew, Alexander, min., Glasgow  
 Andrew, Robert, M.A., stud., Paisley  
 Angus, Robert, missionary, Chryston  
 Appleton, Henry, M.B., Pateley B'ge  
 Arbuckle, John H., M.D., Greenock  
 Armour, And., M.D., Redhouse, Crook  
 Armour, Matthew, minister, Sanday  
 Armstrong, G. C., M.D., Blackr'k, Dub.  
 Armstrong, W. A. A., M.A., st. P'mst'd  
 Arnot, Thomas, writer, Glasgow  
 Arnott, Jas., M.D., H. M. Indian Army  
 Arrol, C., M.B., Bankstown, Sheerness  
 Arthur, Adam Niven, teacher, Dunoon  
 Arthur, David, minister, Aberdeen  
 Arthur, D. F., min., Banchory, Deven'k  
 Arthur, Hugh, M.B., Airdrie  
 Arthur, James, minister, Springburn  
 Arthur, Js., M.A., prof. assis. Gl. Coll.  
 Arthur, John Findlay, M.D., N. Cum'k  
 Arthur, Patrick, M.D., Lambourne  
 Asher, Asher, M.D., London  
 Atkinson, John P., M.D., Bampton  
 Auld, Charles, M.D., Greenock  
 Auld, Charles, M.D., Kilwinning  
 Auld, William, minister, Tollcross  
 Auld, Wm., M.A., stu., Dennistoun  
 Austin, R., M.D., Ranelagh, Dublin  
 Badenoch, G. Roy, min., Lee, Kent  
 Bain, James, minister, Glasgow  
 Bain, Joseph, writer, Lynworth  
 Baird, Hugh, minister, Cumbernauld  
 Baird, John, M.A., B.D., min., Hel'sb.  
 Baird, Robert, writer, London  
 Baker, John C., M.D., Liverpool  
 Balbirnie, John, M.A., M.D., Sheffield  
 Balderston, J. C., min., West Kilbride  
 Balfour, David D., sheriff-subt., Airdrie  
 Ballantine, James, M.D., Catrine  
 Ballantine, Robert, M.D., Girvan  
 Ballantyne, William, min., London  
 Ballingall, John H., min., Kinghorn  
 Balloch, Robert, merchant, Glasgow  
 Bamber, W. R., M.A., st., Cumbræ Col.  
 Banks, Alex., M.A., min., Carnwath  
 Banks, John, M.B., Dunoon  
 Bannatyne, A., M.A., min., Paisley  
 Bannatyne, D. J., jun., wr., Glasg.  
 Bannatyne, John, min., Takaka, N.Z.  
 Bannatyne, Mark, writer, Glasgow  
 Barbour, George Freeland, Edinb'gh  
 Barbour, John B., M.B., London  
 Barbour, James M., M.B., Glasgow  
 Barbour, Robert N., M.A., Paisley  
 Barclay, Arthur, M.B., Netley  
 Barclay, Jas., M.A., min., Linlithgow  
 Barclay, J., M.A., D.D., min., Toronto  
 Barclay, Thos., M.A., student, Glas.  
 Barclay, T., M.A., law-student, Edin.  
 Barker, H. M., LL.D., teach, Old Aber.  
 Barnett, John, minister, Kilbrandon  
 Barnett, J., M.A., min., Moneymore  
 Barnhill, Jas., jun., M.A., Glasgow  
 Barnhill, W., B.D., minister, Glasgow  
 Barr, Alexander, minister, Airdrie  
 Barr, James, minister, Bucklyvie  
 Barr, James, M.B., Everton, Liverpool  
 Barr, Thomas, M.D., Glasgow  
 Barr, William, minister, Jedburgh  
 Barrie, John, M.D., Crosshill, Glasg.  
 Barrie, Wm. R., min., Longframlington  
 Barras, William, minister, Glasgow  
 Bartholomew, R., merchant, Glasgow  
 Bathgate, Wm., M.A., stud., Oxford  
 Battersby, John Geo., M.D., Lismore

- Baxter, John Cansh, min., Dundee  
 Bayne, Alexander, min., Tingwall  
 Beatson, Henry, minister, Barra  
 Beck, John Wood, M.D., Belfast  
 Beckett, Alex., M.D., Moneymore  
 Beckett, John, M.B., Crosshill, Glasg.  
 Beckett, William, minister, Glasgow  
 Beckett, Wm., M.A., writer, Glasgow  
 Begg, Bruce B., M.A., min., Kirkcaldy  
 Begg, Jas., M.A., D.D., min., Edin.  
 Begg, William, minister, Falkirk  
 Beggs, John, M.D., Reedsmouth  
 Beith, Alex., D.D., minister, Stirling  
 Bell, Andw. B., advocate, Cupar-Fife  
 Bell, Charles, M.D., Edinburgh  
 Bell, David, M.D., Goole  
 Bell, Henry W., M.A., min., Aberd'n  
 Bell, John, M.A., merchant, Glasgow  
 Bell, John P., M.D., Hull  
 Bell, Robert, M.D., Glasgow  
 Bell, Thomas, minister, Edinburgh  
 Bell, Walter, writer, Glasgow  
 Bell, William, M.D., Preston  
 Bell, William, M.A., M.D., Garstang  
 Bennett, Sam., M.D., Bruff, c. Limerick  
 Bennie, James, M.D., Glasgow  
 Bennie, J. N., LL.B., clerk, Leicester  
 Bennie, William, minister, Bathgate  
 Beresford, R. de la Poer, M.D., Osw'st'y  
 Berry, H. L., M.A., min., Hampstead  
 Berry, James, minister, Bucklyvie  
 Berry, Robert, M.A., professor, Glas.  
 Bethune, John, minister, Canada  
 Biggart, Samuel, M.D., W. Hartlep'l  
 Biggar, David, M.D., Portadown  
 Biggar, J. W., M.A., teach., Pol'shaws  
 Biggs, Solomon R., M.D., Seacombe  
 Binnie, W., M.A., D.D., prof., Aberd'n  
 Birkmire, Archibald, min., Glasgow  
 Black, Andrew, minister, Cambridge  
 Black, Ch. S., M.D., Clermont, H'wood  
 Black, David, minister, Tillicoultry  
 Black, Donald Campbell, M.D., Glas.  
 Black, Eben. S., M.A., writ'r, Wigtown  
 Black, George, writer, Glasgow  
 Black, James, M.A., min., Stockport  
 Black, John, minister, Sunderland  
 Black, John, minister, New Castleton  
 Black, Malcolm, M.B., Airdrie  
 Black, Robt., M.A., min., Liverpool  
 Black, Robert, M.A., min., Kilsyth  
 Black, William, town clerk, Stranraer  
 Blackburn, H., M.A., prof., Glasgow  
 Blackie, W. G., Ph.D., publisher, Glas.  
 Blake, B., B.D., min., Redhill, Surrey  
 Blair, David, M.D., Benvan, Glencoe  
 Blair, Hugh, M.A., min., Killeyston  
 Blair, John, min., Straiton, Maybole  
 Blair, Robert, M.A., min., Glasgow  
 Blair, Robert, M.D., Glasgow  
 Blair, Robert, D.D., min., Galashiels  
 Blair, S., min., Dalry, Castle Douglas  
 Blair, William, M.D., Jedburgh  
 Bleckley, John, M.A., min., Monaghan  
 Bleloch, Archd., M.A., min., Edinb'gh  
 Belloch, David, min., Hampstead  
 Blues, William, student, Edinburgh  
 Blyth, James, M.A., min., Alnwick  
 Bogle, Andrew, min., Callander  
 Bogle, John, Woodside, Torquay  
 Bogue, J., M.A., min., St'ckt'n-on-Tees  
 Bolland, Edward H., M.D., Dublin  
 Bonallo, David, minister, Blackford  
 Bonar, James, M.A., stud., Glasgow  
 Bond, Wm. Jas., M.B., Brill, Thame  
 Booth, John, M.B., Oswaldtwistle  
 Borland, Dav., M.A., min., Cairneyhill  
 Borland, John, M.B., Glasgow  
 Borland, John, M.D., Kilmarnock  
 Borland, John W., min., Glasgow  
 Bowie, James, min., Craig, Dunscore  
 Bowman, Archibald, min., Forglen  
 Boxwell, F., M.D., Butlerstown Castle  
 Boxwell, Henry H., M.D., Wexford  
 Boyd, A., capt. Roy. Renf. Mil., St. And.  
 Boyd, A. K. H., D.D., min., St. And'rws  
 Boyd, James, writer, Glasgow  
 Boyd, Jas., M.A., min., London, N.  
 Boyd, J., M.A., D.D., min., Campbelt'n  
 Boyd, J., D.D., min., West Kilbride  
 Boyd, J., M.A., min., Wemyss Bay  
 Boyd, Robert, B.L., law-clerk, Glas.  
 Boyd, Rob. M., M.A., min., Fordoun  
 Boyd, Wm., LL.D., minister, London  
 Bradford, Wm. A., M.B., Chippenham  
 Bradley, M. M., M.D., Jarrow-on-Tyne  
 Bradshaw, B. W., M.D., Bansha  
 Braidwood, J., M.A., min., Edinb'gh  
 Brand, David, advocate, Edinburgh  
 Branks, W., M.A., min., Torphichen



- Brash, James, M.D., Glasgow  
 Breaky, A., M.A., min., Kilileagh  
 Bremner, H., M.A., min., Partick  
 Brisbane, James, M.D., London  
 Brisbane, T., minister, Cambuslang  
 Briscoe, Henry, M.D., R.A., Woolwich  
 Brock, Walter, M.D., min., Glasgow  
 Brodie, John, M.B., Army Med. Dep.  
 Brodie, J. Ewen, M.D., Glasgow  
 Brodie, Neil, minister, Langside  
 Brodie, Robert, writer, Glasgow  
 Brown, A. B., M.A., stud., Glasgow  
 Brown, A.M., M.A., B.D., Kirkintil'ch  
 Brown, Angus, minister, Fortrose  
 Brown, Archibald, M.B., Glasgow  
 Brown, David, minister, Glasgow  
 Brown, D., M.A., min., Falcarragh  
 Brown, G., minister, Pau, France  
 Brown, Geo., M.D., Colchester  
 Brown, Hugh, M.D., Strathaven  
 Brown, Hugh, M.A., of Broadstone  
 Brown, James, minister, Paisley  
 Brown, James, M.B., Braemar  
 Brown, J., insp. of N.Schs., Tanag'more  
 Brown, J. B., minister, Dunfermline  
 Brown, J. Reid, captain, London  
 Brown, J., M.A., D.D., Drogheda  
 Brown, John, minister, Glasgow  
 Brown, John B., M.A., law-stud., Glas.  
 Brown, J. C., probationer, Glasgow  
 Brown, J. C. C., min., Ceres, Fife  
 Brown, J. F. Cullen, M.B., Bonhill  
 Brown, J. Har., of Quarter, Stirlingsh.  
 Brown, John J., minister, Kinclaven  
 Brown, J. Ritchie, M.D., Saltcoats  
 Brown, J., D.D., minister, Glasgow  
 Brown, R., late merchant, Fairlie  
 Brown, Robert, M.D., Dunfermline  
 Brown, Robert, teacher, Shotts  
 Brown, Robert, M.D., Tranent  
 Brown, R. Hope, minister, Dundee  
 Brown, Thomas, surgeon, Dunblane  
 Brown, W., M.A., M.D., Yeats  
 Brown, W. Lochore, writer, Glasgow  
 Browne, Andrew, minister, Beith  
 Browne, H., M.A., M.D., Manchester  
 Browne, James, M.D., Castlecaulfield  
 Browne, J., M.A., min., Duncannon  
 Browning, T.B., M.A., bar., Dundas, C.  
 Brownlee, J., minister, Rutherglen  
 Brownlie, Wm., M.A., stud., Glasgow  
 Bruce, J. H., M.D., C'tle Dykes, D'fries  
 Bruce, J. C., M.A., LL.D., Newcastle  
 Bruce, R. Stewart, minister, Wishaw  
 Bruce, Thomas, min., New Zealand  
 Bruce, W., B.D., min., Dunimarle  
 Bruce, W., D.D., min., Edinburgh  
 Brunton, J., B.D., min., Perth  
 Brunton, John, M.D., London, N.W.  
 Brunton, T. M., M.A., preacher, Glas.  
 Bryce, J., minister, Port-Glasgow  
 Bryce, J. A., M.A., student, Oxford  
 Bryce, Rev. R. J., M.A., LL.D., Belfast  
 Bryson, Alex., minister, Alloa  
 Bryson, Alex., M.D., C.B., London  
 Bryson, James, M.B., Glasgow  
 Buchan, George, M.B., Kilmaurs  
 Buchan, P., town-clerk, Port-Glasg.  
 Buchan, W., min., Bovedy, Kilrea  
 Buchanan, A. M., M.D., Glasgow  
 Buchanan, A., M.D., em.-prof., Glas.  
 Buchanan, A., min., Logie-Pert, Brech.  
 Buchanan, G., M.A., M.D., prof., Glas.  
 Buchanan, G. S., calenderer, Glasgow  
 Buchanan, J., M.A., M.D., Glasgow  
 Buchanan, Jas., B.Sc., min., Kilmun  
 Buchanan, J., LL.D., prof., Edinb.  
 Buchanan, J., merchant, Edinburgh  
 Buchanan, J. M., min., Inn'rw'k, D'bar  
 Buchanan, J. Y., M.A., merch., Edin.  
 Buchanan, T., minister, Barrhead  
 Buchanan, Thomas, M.B., Glasgow  
 Buchanan, T. D., M.D., Glasgow  
 Buchanan, W., merchant, Glasgow  
 Buchanan, W., teacher, Partick  
 Buchanan, W., minister, Glasgow  
 Buchanan, W. L., accountant, Glas.  
 Buchanan, W. M., M.D., Edinburgh  
 Bulloch, James, M.A., min., Hull  
 Burdon, Alexander, Liverpool  
 Burdon, J. A., min., Crawf'rd, Abingt'n  
 Burnett, James C., M.D., Birkenhead  
 Burnside, Robt., M.A., stud., Falkland  
 Burke, George, M.D., Kilfinane  
 Burke, John M., M.D., Hatfield  
 Burnet, G., M.A., B.L., law-clk., Glas.  
 Burnet, John, advocate, Edinburgh  
 Burns, Islay F., M.A., stud., Oxford  
 Burns, James, minister, Nairn  
 Burns, J. C., merchant, Glasgow



Burns, J., merchant, Castle Wemyss  
 Burns, J. W., M.A., adv., Kilmahew  
 Burton, John T., M.A., min., Newmilns  
 Burton, Thomas C., M.D., West Port  
 Buttercase, Robt., M.B., Cramlington

Cahill, Thomas, M.D., London  
 Caird, Edward, LL.D., prof., Glasgow  
 Caird, J., M.A., D.D., principal, Glas.  
 Calder, John, minister, Partick  
 Calder, R., M.A., insp. of sch'ls, Glas.  
 Calderwood, Geo., M.B., Egremont  
 Caldwell, Jas., calico printer, Campsie  
 Caldwell, R. R., minister, Bishopton  
 Caldwell, William, writer, Glasgow  
 Callan, J. M., M.D., Dundalk  
 Callander, J., M.D., Dunscore, D'mfr's  
 Camack, Peter Gamble, M.D., Dervock  
 Cameron, Alex., minister, Ardersier  
 Cameron, Alex., teacher, Johnstone  
 Cameron, Alex., M.D., Epworth  
 Cameron, A., min., E. Anstruther  
 Cameron, A. B., M.A., Strathbungo  
 Cameron, Daniel, minister, Aytoun  
 Cameron, D., min., Newton-Mearns  
 Cameron, D.B., M.A., New Monkland  
 Cameron, D., minister, Glengarry  
 Cameron, H. Clare, M.D., Glasgow  
 Cameron, H. P., M.A., stud., Auchin'k  
 Cameron, James, minister, Mirfield  
 Cameron, John, M.D., Liverpool  
 Cameron, John, M.D., Kinlaid  
 Cameron, J., M.A., min., Dunoon  
 Cameron, Murdoch, M.D., Glasgow  
 Cameron, R., M.D., Huddersfield  
 Cameron, S., M.A., min., Logierait  
 Campbell, A. D., minister, Lockerbie  
 Campbell, A., M.A., probat., Errol  
 Campbell, Archibald, minister, Coll  
 Campbell, Arch., M.B., Campbeltown  
 Campbell, A. B., D.D., min., Kilwin  
 Campbell, Colin, B.D., min., Partick  
 Campbell, Colin, minister, Glencoe  
 Campbell, C. F., minister, Kilbride  
 Campbell, D., M.A., B.L., law-st., Pais.  
 Campbell, D., minister, Mortlake  
 Campbell, Donald, M.D., Munlochy  
 Campbell, D., min., Kilmic'l, Glassary  
 Campbell, Don., M.D., Calne, Wilts  
 Campbell, D., M.D., Waterbeach

Campbell, D., minister, N. Knapdale  
 Campbell, E., M.B., Isle Ornsay, Skye  
 Campbell, E., min., Knock, Stornoway  
 Campbell, H. S., M.A., rect., Nettleton  
 Campbell, J. A., LL.D., of Stracathro  
 Campbell, J. E., M.A., writer, Paisley  
 Campbell, Jas. R., D.D., min., Bradford  
 Campbell, John A., M.D., Carlisle  
 Campbell, John, minister, Clarkston  
 Campbell, John, M.B., Glasgow  
 Campbell, J., min., Tarbert, Kintyre  
 Campbell, John, B.D., min., Airdrie  
 Campbell, John, M.D., Gloucester  
 Campbell, John, min., Edinburgh  
 Campbell, J. D., of Peaton, Roseneath  
 Campbell, John G., minister, Tyree  
 Campbell, J. L., schoolmaster, Loudon  
 Campbell, Mat. G., M.A., stu., Gourrock  
 Campbell, Neil M'Nab, M.D., Oban  
 Campbell, Neil C., advocate, Edinb.  
 Campbell, P., M.D., Bridge of Allan  
 Campbell, R. V., LL.B., adv., Edin.  
 Campbell, R. A., M.B., Lesmahagow  
 Campbell, Robert, min., Aldershott  
 Campbell, Sam. H., M.D., Portrush  
 Campbell, W., M.A., stu., N. Cumnock  
 Campbell, Wm., M.D., London, S.W.  
 Campbell, W. A., M.A., pro., Kilc'mn'll  
 Candlish, H., M.D., Bondgate, Alnwick  
 Carlyle, David, M.D., Carlisle  
 Carlyle, John, M.B., Greenock  
 Carmichael, James, M.D., Glasgow  
 Carmichael, Dan., M.B., Portree, Skye  
 Carmichael, Neil, M.B., Glasgow  
 Carmichael, W. G. H., M.A., min., Edin.  
 Carr, John, M.B., Glasgow  
 Carr, Jones King, M.D., Cheltenham  
 Carr, William, M.B., Glasgow  
 Carrick, Alexander, minister, Troon  
 Carrick, J., M.A., minister, Maybole  
 Carroll, John S., M.A., stud., Glasgow  
 Carruthers, J. Bell, M.D., Edinburgh  
 Carruthers, John, M.D., Grasmere  
 Carruthers, T., M.A., min., B. of Weir  
 Carslaw, W. H., M.A., min., Helensb.  
 Carson, H. H., M.A., min., Letterkenny  
 Carson, Jas. C. L., M.D., Coleraine  
 Carson, Wm., M.D., Ardmayle, Cashel  
 Carswell, Jas., M.A., stud., Hillhead  
 Carswell, William, min., Eaglesham

- Caskey, Joseph, min., Stronsay  
 Caskie, John B., M.D., London  
 Caskie, Wm. A., M.A., M.B., Largs  
 Cassels, Thomas, M.D., London  
 Cathcart, J., M.B., Bushmills, Antrim  
 Caven, Jas., minister, Kirkintilloch  
 Chalmers, D., M.D., Everton, L'pool  
 Chalmers, James, M.D., Glasgow  
 Chalmers, John, M.D., London N.  
 Chalmers, J. A., minister, Caffraria  
 Chalmers, Joseph, M.A., Edinburgh  
 Chandler, B. C., M.D., Bayswater, Lon.  
 Chapman, David, minister, Girvan  
 Chapman, Gavin, M.A., manuf., Glasg.  
 Chapman, T. A., M.D., Abergavenny  
 Charles, David H., M.D., Cookstown  
 Charles, Henry R., M.D., Cookstown  
 Christie, J., M.A., M.D., Glasgow  
 Christie, John, coal owner, Dollar  
 Christie, William, min., Edinburgh  
 Clark, Alex., minister, Edinburgh  
 Clark, Andrew, minister, Gatehouse  
 Clark, D. R., M.A., mercht., Ibroxholm  
 Clark, Duncan, minister, Benbecula  
 Clark, Hugh, M.D., Ferryhill  
 Clark, John, M.A., student, Glasgow  
 Clark, Patrick T., min., Kildonan  
 Clark, Samuel, M.D., Staines  
 Clark, Wm., M.A., min., Barrhead  
 Clarke, A., M.A., Kirkpatrick-Juxta  
 Clarke, Jackson N., M.D., Maghera  
 Clarke, John H., writer, Glasgow  
 Clarke, John, minister, Minard  
 Clarke, Joseph, M.D., Mount Melick  
 Clarke, William, M.D., Wentworth  
 Clarkson, William, surgeon, Morpeth  
 Clayton, William B., M.D., Athy  
 Clelland, John, minister, Leeds  
 Clerk, Archd., LL.D., min., Kilmallie  
 Clugston, James, minister, Stewarton  
 Clugston, John, minister, Stewarton  
 Clyde, J., M.A., LL.D., teach., Edin.  
 Coats, Jas., M.B., Army Med. Staff  
 Coats, Jervis, M.A., min., Glasgow  
 Coats, John, M.A., portioner, Helensb.  
 Coats, John, M.D., Glasgow  
 Coats, John J., M.A., writer, Glasg.  
 Coats, Joseph, M.D., Glasgow  
 Coates, Samuel, M.D., Portumna  
 Coats, Walter W., M.A., stud., Glasg.  
 Cochrane, William, minister, Glasgow  
 Cochrane, Matthew, M.A., min., Glas.  
 Cochrane, M., M.A., chemist, Langside  
 Cochrane, John, min., Grangemouth  
 Colligan, Hugh S., M.D., Paisley  
 Collum, Robert, M.D., Surbiton  
 Colquhoun, Hugh, M.D., Glasgow  
 Colquhoun, Hugh, writer, Glasgow  
 Colquhoun, Hugh, mercht., Glasgow  
 Colt, Thos. A., M.D., Maidencombe  
 Coltart, Geo. L., M.A., stud., Thornhill  
 Colville, J., yr., M.A., preach., Cam't'n  
 Colvin, R. F., min., Kilpatrick-Juxta  
 Colvin, Wal. L., M.A., min., Cramond  
 Cook, Donald, M.A., stud., Saltcoats  
 Cook, Wm., M.A., writer, Glasgow  
 Cooper, John Thomas, min., Buxton  
 Cooper, William, M.A., Tarbolton  
 Cooper, William, M.D., London  
 Conn, Joseph, M.A., stud., Kilwinning  
 Connell, Donald, M.A., stud., Glasg.  
 Connell, Michael, merchant, Glasgow  
 Connell, Duncan, min., Fortingall  
 Connell, John, min., Pearcetown, Irvine  
 Connell, Wm., writer, Lochwinnoch  
 Constable, John, M.D., Leuchars  
 Constable, W. J. R., LL.D., Donnington  
 Copland, George, M.A., min., Ayr  
 Copland, Wm. R., engineer, Glasgow  
 Corbett, Joseph, minister, Glasgow  
 Corbett, Robert, Barrhead  
 Cordiner, Robert, min., Lesmahagow  
 Core, Wm., M.D., Cadder, Bish'pbriggs  
 Cormack, Wm., B.Sc., teacher, Ayr  
 Cosgrave, John, M.D., Wigan  
 Costelloe, B. F. C., M.A., stud., Oxf'd  
 Coulter, John, M.A., D.D., min., B'fast  
 Couper, Charles T., advocate, Edin.  
 Couper, Charles Tennant, writer, Row  
 Couper, James, merchant, Glasgow  
 Couper, John, M.D., London  
 Couper, William, writer, Row  
 Courtenay, Thos., M.D., Ballymena  
 Cowan, C. J., M.A., B.D., min., Kelso  
 Cowan, David R., minister, Saltair  
 Cowan, John, M.D., Dildawn  
 Cowan, John B., M.D., prof., Glas.  
 Cowan, John Rankine, writer, Ayr  
 Cowan, Lachlan, writer, Glasgow  
 Cowan, R. C., M.A., account., Edin.

- Cowan, Wm., M. A., LL. D., Midcalder  
 Cowan, William, writer, Glasgow  
 Cowie, D., M. B., Glasgow  
 Craig, A. M., M. A., min., Kelso  
 Craig, Andrew F., M. D., Hamilton  
 Craig, Arch., M. B., Bishopbriggs  
 Craig, Arch., M. A., law-st., Barrhead  
 Craig, James, M. D., Partick  
 Craig, James, minister, Blyth  
 Craig, James Ayton, min., Crookham  
 Craig, John, M. B., Grenada, W. I.  
 Craig, John Scott, min., Maryport  
 Craig, John Wright, M. D., Bradford  
 Craig, Robert, M. A., min., Glasgow  
 Craig, Robert C., minister, Fenwick  
 Craig, William, M. D., Edinburgh  
 Craigie, James, Tillicoultry  
 Craik, Geo. L., publisher, London  
 Craik, James, M. A., W. S., Edin.  
 Cranfield, Thos. G., M. D., Enniscorthy  
 Cranstoun, J., LL. D., rector, Dumfries  
 Crawford, David, S. S. C., Edinburgh  
 Crawford, Geo., M. D., Port-Glasgow  
 Crawford, George, writer, Glasgow  
 Crawford, James, M. D., Manchester  
 Crawford, John, M. D., Carstairs  
 Crawford, J. I., M. D., Swanage D'set  
 Crawford, Matthew, min., Glasgow  
 Crawford, Robert, min., Langbank  
 Crawford, Wm., M. D., Uddingston  
 Crawford, Wm., M. B., Blackburn  
 Crawford, Wm. B., writer, Glasgow  
 Crawford, George, clerk, Bothwell  
 Crichton, David, advocate, Edinburgh  
 Crichton, Duncan, M. B., Kilchrennan  
 Crichton, Robert Orr, Dalry, Ayrshire  
 Crocker, George, M. D., Belfast  
 Crompton, Joseph, M. A., Bracondale  
 Crooke, Warren, M. D., Macroom  
 Cross, Andrew L., law clerk, Dunblane  
 Cross, John, M. A., student, Oxford  
 Crosskey, W. F., M. D., Lewis, Sus.  
 Crothers, R., M. D., St. Leon'd's-on-Sea  
 Crowe, John, M. A., minister, Hanley  
 Crozier, W., M. A., min., Ballynahinch  
 Chrystal, J., M. A., D. D., Auchinleck  
 Cullen, James, M. D., Airdrie  
 Cullen, James, minister, Blair-Adam  
 Cullen, J. Fleming, M. D., Alexandria  
 Cullen, William, M. D., Carluke  
 Cumming, James S., M. D., Glasgow  
 Cumming, J. Elder, D. D., min., Glas.  
 Cumming, William, M. D., Wigtown  
 Cunningham, Andrew, M. B., Glas.  
 Cunningham, J., M. A., min., Girvan  
 Cunningham, John, M. B., Campbelton  
 Cunningham, J. M., bank man'g'r, Glas.  
 Cunningham, J., D. D., min., Crieff  
 Cunningham, W. B., min., Prestonpans  
 Cuppage, Thomas, M. D., Lurgan  
 Curdie, James, M. A., min., Gigha  
 Currie, Archd., min., Winchborough  
 Currie, D. W., M. B., Bowmore, Islay  
 Currie, Hugh H., M. A., B. D., min., Gl.  
 Currie, John, M. D., Parkend  
 Currie, Joseph, teacher, Sunderland  
 Currie, Ronald, M. D., Wemyss Bay  
 Cuthbert, Alex., M. A., min., Glasg.  
 Cuthbertson, John, Troon  
 Cuthbertson, David, M. D., Stirling  
 Cuthbertson, J., mercht, Helensb'gh  
 Cuthbertson, J. N., mercht., Glasgow  
 Cuthbertson, Robert, min., Leeds  
 Dalzell, J., B. D., M. B., miss'ry, Africa  
 Dalrymple, Quintin, M. A., Tarbolt'n  
 Daly, John Fairley, M. A., stud., Lenzie  
 Dangerfield, G. N., M. D., Cheltenham  
 Davidson, Alex., M. D., Nottingham  
 Davidson, J., M. A., min., Symington  
 Davidson, J. W., min., B'monds'y, Lon.  
 Davidson, Lewis, M. A., min., Ru'glen  
 Davidson, Robert, writer, Glasgow  
 Davidson, R., teacher, Cumbernauld  
 Davidson, Thomas, writer, Glasgow  
 Davies, David L., M. B., Neith  
 Davies, Evan, M. A., stud., Swansea  
 Davies, Rev. J., M. A., sch. mast., Stand  
 Davies, John, M. B., Denbigh  
 Davies, William A., M. D., Newry  
 Davis, Thos., M. D., Manorhamilton  
 Davison, Samuel, M. D., Dromara  
 Davison, T., M. A., min., Dungiven  
 Deane, James, M. D., St. Ives, Hunts  
 De Meric, Victor, M. D., London W.  
 Dempster, Jas. C., M. D., Duncannon  
 Denham, J. S., M. D., South Shields  
 Denholm, Andrew, M. B., Glasgow  
 Dennistoun, Alex., mer., Glasgow  
 Dennistoun, John, mer., Glasgow

- Denton, Tanat W., M.D., Chester  
 Dewar, Arch. E., M.A., stud., Arrochar  
 Dewar, Donald, M.D., Glasgow  
 Dewar, James, M.A., min., Arrochar  
 Dewar, J., M.A., probationer, Airth  
 Dewes, Edward, M.D., Coventry  
 Deverell, Wm. P., M.D., Ardglass  
 Diamond, James, M.D., Muthill  
 Dick, Alex., sen., writer, Helensburgh  
 Dick, Alex., jun., writer, Glasgow  
 Dick, James, M.D., Glasgow  
 Dick, James, M.D., Harrington  
 Dick, John, minister, Tweedsmuir  
 Dick, Robert, M.D., Edinburgh  
 Dickie, Andrew, minister, Aberdeen  
 Dickie, John, M.D., Chelsea  
 Dickie, Mat., M.A., stud., Kilwinning  
 Dickie, M.M., M.A., B.D. min. Had'g'n  
 Dickie, Wm., M.A., stu., Johnstone  
 Dickson, A., M.D., prof., College, Glas.  
 Dickson, C. S., M.A., advocate, Edin.  
 Dickson, James, surgeon, Robertson  
 Dickson, J.D.H., M.A., tutor, Cambr.  
 Dickson, J.G., M.D., Newton-Stewart  
 Dickson, John, M.B., Beeford, Hull  
 Dickson, Joseph, M.D., Whitehaven  
 Dickson, T.S., M.A., stu., Amisf'd D'f's  
 Dickson, W.P., D.D., prof., Glas. Col.  
 Dill, James R., M.A., min., Dromore  
 Dill, Robert F., professor, Belfast  
 Dillon, A., M.D., Ballaghaderin  
 Dinwoodie, Wm., M.D., Leadhills  
 Dinwoodie, Frederick, M.D., Appleby  
 Dixon, J. Antony, writer, Glasgow  
 Dixon, Wm. Smith, merchant, Ayr  
 Doak, A., M.A., minister, Bothwell  
 Dobbie, Jas. J., M.A., stud., Glas.  
 Dobbie, Thomas, min., Leith  
 Dobbie, J., M.D., Keady, co. Armagh  
 Dobie, W. Jardine, min., Kinghorn  
 Dodds, James, minister, Glasgow  
 Donald, Colin D., writer, Glasgow  
 Donald, D. M., M.A., stu., Helensb'gh  
 Donald, George, M.B., Strathaven  
 Donald, Thomas, writer, Glasgow  
 Donald, James T., surgeon, Paisley  
 Donaldson, Archd., M.D., Dunscore  
 Donaldson, E., M.D., Kanturk, co. Cork  
 Donaldson, J., M.A., min., Fermoy  
 Dougal, Daniel, M.D., Strathaven  
 Dougal, James, M.B., Strathaven  
 Dougall, Francis G., writer, Glasgow  
 Dougall, John, M.D., Glasgow  
 Dougan, John, surgeon, Glasgow  
 Dougan, W., M.D., Springburn, Glas.  
 Douglas, G. C. M., D.D., prin., Glas.  
 Douglas, John B., M.A., stud., Glas.  
 Douglas, John M., solicitor, Cupar  
 Douglas, John C., M.B., Greenock  
 Douglas, Robert, M.B., Shepley, York  
 Douglas, Wm., minister, Muthill  
 Douie, Robert, writer, Glasgow  
 Dow, Hugh, M.D., Kilbirnie  
 Dow, James C., M.B., Millport  
 Dowie, E. Telford, M.D., Greenock  
 Downs, John, minister, East Kilbride  
 Downie, W., M.A., teacher, Glasgow  
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 Drennan, J. W., M.A., tutor, Glas.  
 Drew, John, M.B., Stirling  
 Drummond, A.S., M.A., law-cl'k, Glas.  
 Drummond, David, minister, Comrie  
 Drummond, David, minister, Dornoch  
 Drummond, R. S., M.A., D.D., Lon.  
 Drummond, Thos., minister, Bolton  
 Duckett, Wm. Shaw, M.D., Dublin  
 Dudgeon, John, M.D., Pekin  
 Duff, David, LL.D., prof., Edin.  
 Duff, James, M.A., law-stud., Edin.  
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 Dunbar, M. S., M.A., miss., Horsham  
 Dunbar, Robert P., M.D., Blackburn  
 Duncan, Archd., minister, Orphir  
 Duncan, Daniel, minister, Lochend  
 Duncan, E., M.D., Crosshill, Glas.  
 Duncan, Geo. G., M.D., R.N., Finnart  
 Duncan, James, minister, Temple  
 Duncan, James K., min., Aberdeen  
 Duncan, John M., advoc., Edinburgh  
 Duncan, Robt., M.D., Tunbridge Wells  
 Duncan, W., M.A., min., Dumbarton  
 Duncan, Wm., M.B., Tyldesley  
 Dunkley, H., M.A., Withington  
 Dunlop, Alex., of Carnduff, Largs  
 Dunlop, Alex., advocate, Edinburgh  
 Dunlop, David, teacher, Newbattle  
 Dunlop, H. B., captain, Barrhead  
 Dunlop, Hugh, min., Crosshill, Glas.  
 Dunlop, James, Doonside, Largs  
 Dunlop, James, M.D., Glasgow



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 Dunlop, James, Arthurlie, Barrhead  
 Dunlop, John, M.D., Glasgow  
 Dunlop, John, M.D., Edinburgh  
 Dunlop, Robert, M.D., Irvine  
 Dunlop, Wm., min., Port-William  
 Dunlop, Wm., minister, Glasgow  
 Dunn, Hugh, writer, Glasgow  
 Dunn, James, minister, Stonehouse  
 Dunn, J. D., missionary, Bishopbriggs  
 Dunn, William, minister, Cardross  
 Dyer, Henry, M.A., B.Sc., pri., Yeddo  
 Dykes, Douglas, Hamilton  
 Dykes, J., min., Bent., Lesmahagow  
 Dykes, Thomas, D.D., minister, Ayr  
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 Dysart, J., M.D., Port-Glenone, Ireland

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 Easton, M.G., M.A., D.D., min., D'rvel  
 Easton, Thos., minister, Stranraer  
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 Eatwell, Wm., C. B., M.D., Lon., W.  
 Eddowes, J. H., M.D., Loughborough  
 Edgar, Andrew, minister, Tongland  
 Edgar, Robt., M.A., min., Newburgh  
 Edmond, John, D.D., min., London, N.  
 Edwardes, D. E., M.A., Lantwitt  
 Edwards, E. D., M.A., Gower, Sw'sea  
 Edwards, John, D.D., min., Glasgow  
 Edwards, Wm., M.D., Burnley  
 Egan, John C., M.D., London  
 Elder, Andrew, minister, Paisley  
 Elder, George, M.B., Nottingham  
 Elder, John L., M.A., stud., Glasgow  
 Elder, R., D.D., minister, Rothesay  
 Elles, M. Jamieson, mercht., Oporto  
 Elliot, L. D., M.A., min., Portadown  
 Elliot, Wm. Henry, M.D., Exeter  
 Ellison, J. W., min., Castlebellingham  
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 Evans, H. W., M.D., Dryhill, T'n'b'dge  
 Evans, U. W., M.D., Clifton, Bristol  
 Evans, W., M.A., min., Aberystwyth  
 Everett, J. D., M.A., D.C.L., prof., Belf.  
 Ewing, James, minister, Dundee

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 Fairlie, J., M.A., minister, Mauchline  
 Fairlie, John, schoolmaster, Balfron  
 Falconer, John, minister, Ettrick  
 Falconer, W., min., Ferry-P't-on-Craig  
 Falding, F. J., D.D., principal, Roth'm  
 Farie, James, of Farme, Rutherglen  
 Farley, G. C., M.D., M'nhead, Berks  
 Fenton, Henry A., M.B., Doncaster  
 Fenwick, W., M.D., Strathbungo  
 Fergus, Andrew, M.D., Glasgow  
 Ferguson, A., min., N. Knapdale  
 Ferguson, Archd., writer, Glasgow  
 Ferguson, Archibald, minister, Alyth  
 Ferguson, D.J., B.D., min., St'hblane  
 Ferguson, David, minister, Buncle  
 Ferguson, Fergus, D.D., min., Glas.  
 Ferguson, Fergus, minister, Crosshill  
 Ferguson, H. Shaw, M.D., Belfast  
 Ferguson, Hugh, M.A., Up. Norwood  
 Ferguson, James, phys., Richm'd, Sur.  
 Ferguson, J. T., M.A., st., Hillh'd, Glas.  
 Ferguson, John, M.A., prof., Glas.  
 Ferguson, J., min., Bridge-of-Allan  
 Ferguson, J., M.A., stud., Gargunnoch  
 Ferguson, Peter, min., Inch, Stranraer  
 Ferguson, Robert, M.B., Glasgow  
 Ferguson, W. Laing, M.D., London  
 Ferguson, W., minister, Fossoway  
 Fergusson, Alex., M.D., Peebles  
 Fergusson, David, B.L., solicitor, Ayr  
 Fergusson, Wm., B.L., law-cl'k, Glas.  
 Ferries, John, minister, Edinkillie  
 Fielding, T., M.D., Blandford, Dorset  
 Fife, R. Thomson, chaplain, Irvine  
 Filkin, Richard, M.D., Richmond  
 Findlay, A. R., minister, Houston  
 Findlay, C. B., merchant, Glasgow  
 Findlay, J., M.A., min., Glasgow  
 Findlay, J., M.D., Castle-Douglas  
 Findlay, James, merchant, Glasgow  
 Findlay, James, M.A., writer, Glas.  
 Findlay, John, minister, Kirkoswald  
 Findlay, John, of Easterhill  
 Findlay, Thos., minister, W. Kilbride  
 Findlay, Wm., M.B., Glasgow  
 Findlay, D. W., M.D., Helensburgh  
 Finlay, H., M.D., min., King's Lynn  
 Finlay, James, M.D., Helensburgh



- Finlayson, James, M.D., Glasgow  
 Finlayson, T. C., min., Manchester  
 Finucane, D., M.D., Devonport  
 Fisher, C. H., M.D., Sittingbourne  
 Fisher, Fred. B., M.D., London, N.  
 Fisher, J. D., minister, Aberlemno  
 Fisher, M. W., M.D., Portarlinton  
 Fisher, M., min., Cross and Burness  
 Fitzhenry, E. H., M.D., Waterloo, L'p'l  
 Fitzpatrick, J., min., Knockcloghrim  
 Fleck, W. S., M.A., minister, Fairlie  
 Fleming, A. G., min., Castleh'd, Paisley  
 Fleming, Archibald, minister, Perth  
 Fleming, David, minister, Coxhoe  
 Fleming, J. Brown, writer, Glasgow  
 Fleming, James, minister, Whithorn  
 Fleming, J., M.A., minister, Kittens  
 Fleming, John, M.A., C.E., Rutherglen  
 Fleming, J. Gibson, M.D., Glasgow  
 Fleming, John, writer, Rutherglen  
 Fleming, John, minister, Newtyle  
 Fleming, J., M.A., minister, Paisley  
 Fleming, T. M'C., M.A., stu., Whithorn  
 Fleming, W., minister, Edinburgh  
 Fleming, Wm. James, M.B., Glasgow  
 Fletcher, J. Corbet, M.D., London  
 Flett, Oliver, minister, Paisley  
 Flint, Robert, LL.D., prof., Edin.  
 Flower, J. E., M.A., Basingst'ke, Hants  
 Fogo, D., Madras Coll., St. Andrews  
 Fogo, G. L., M.A., minister, Row  
 Foley, William, M.D., Kilrush  
 Forbes, Alex., M.D., Auchterarder  
 Forbes, Charles, M.D., Rochester  
 Forbes, Peter, writer, Glasgow  
 Forbes, Robert T., M.B., Moffat  
 Fordyce, J., minister, Bishopbriggs  
 Forrest, John, M.D., Motherwell  
 Forrest, R. Wardrop, M.D., Glasgow  
 Forrest, William, captain, Paisley  
 Forrester, Andrew, writer, Edinburgh  
 Forsyth, Alex., M.D., Greenwich  
 Forsyth, David, M.A., teacher, Glas.  
 Forsyth, H. A., teacher, Whitburn  
 Forsyth, James, M.D., Culmore  
 Forsyth, J., D.D., min., Aberdeen  
 Forsyth, Robert, M.D., Birstall, Leeds  
 Foulis, David, M.D., Glasgow  
 Frame, Robert, M.D., Lesmahagow  
 France, William, minister, Paisley  
 Fraser, Alex. F., B.D., min., Paisley  
 Fraser, D., M.A., LL.D., Bradford  
 Fraser, Donald, M.B., Paisley  
 Fraser, John, minister, Brechin  
 Fraser, J., M.A., M.D., Wolv'hampton  
 Fraser, Thomas, M.D., London  
 Fraser, W., minister, Lochgilphead  
 Fraser, W. G., min., Sutton, Chester  
 Frazer, J. G., M.A., stud., Cambridge  
 Freeland, Andrew, M.D., Port-Glasg.  
 Freeland, John, M.A., min., Innerwick  
 Freeland, R., M.B., Overto'n, Wishaw  
 Friskin, Chas., min., Ferry Hill, Dur'm  
 Fryer, W. F., M.D., Freagh, c. Carlow  
 Fullarton, A. C., min., Pollokshields  
 Fullarton, W., M.A., min., Polloksh'ds  
 Fullarton, Archd., min., Greenock  
 Fullarton, Gavin, Kerelaw, Stevenston  
 Fullarton, T., minister, Mainsiddell  
 Fullarton, W. P., M.A., law-stu., Pais.  
 Fulton, T., sher.-cl'k dep., Kilmarn'k  
 Fulton, T., M.D., Saintfield, c. Down  
 Fulton, W., M.A., teacher, Govan  
 Fulton, Wm., M.A., stud., Glasgow  
 Pyfe, Henry B., B.L., writer, Glasgow  
 Gaff, James D., M.D., Ardrossan  
 Gairdner, W. T., M.D., prof., Glasg.  
 Gallagher, J., M.A., minister, Belfast  
 Galbraith, A., minister, Whitehaven  
 Galbraith, J., M.A., sheriff-sub., Glas.  
 Galbraith, W. S., law-clerk, Glasgow  
 Galloway, Allan, M.B., Kilmaurs  
 Galloway, H. H., writer, Glasgow  
 Galloway, J., M.A., Shacklewell  
 Galloway, James, M.D., Edenfield  
 Galloway, J., M.A., min., Kintore  
 Galloway, T. L., M.A., Ryton-on-Tyne  
 Galloway, W. B., M.A., London  
 Gallwey, John H. M., M.B., Glasg.  
 Garde, Henry C., M.D., Youghall  
 Gardiner, A., M.A., min., Edinburgh  
 Gardiner, George, minister, Annan  
 Gardiner, J., sheriff-sub., Campbelton  
 Gardiner, J., advocate, Bridge of Allan  
 Gardiner, J. A., min., Manchester  
 Gardiner, John, M.D., Moldgreen  
 Gardiner, John, minister, Glasgow  
 Gardiner, J., M.A., min., Macduff  
 Gardiner, W., M.D., Ashton-under-L.

- Gardner, A., M.A., min., Brechin  
 Gardner, A., minister, New Deer  
 Gardner, John N., writer, Paisley  
 Gardner, Richard, M.D., Johnstone  
 Gardner, John, M.B., Glasgow  
 Gartly, James B., cashier, Glasgow  
 Gaskell, W., M.A., min., Manchester  
 Gawley, Eccles, M.D., Foxford  
 Gebbie, Francis, advocate, Edinburgh  
 Gebbie, James, writer, Strathaven  
 Gelston, Robert R., M.D., Limerick  
 Gemmell, H., M.A., B.D., min., John's  
 Gemmell, James, M.D., Dunoon  
 Gemmell, John, M.A., min., Fairlie  
 Gemmell, John, writer, Glasgow  
 Gemmell, Robert, min., Edinburgh  
 Gemmell, Samson, M.B., Glasgow  
 Gentle, John Stewart, M.D., Kippen  
 Geoghegan, Thomas G., M.D., Dublin  
 George, J. A., M.A., preacher, Glasgow  
 Gibbs, Ed. J., M.A., Wolverhampton  
 Gibson, Henry, M.A., min., Glenapp  
 Gibson, Jas., M.A., teacher, Greenlaw  
 Gibson, John M., M.A., adv., Edin.  
 Gibson, J. B., M.D., Irvine  
 Gibson, John C., M.A., min., F' mosa  
 Gibson, Robert, minister, Kirkbean  
 Gibson, Robert, minister, Partick  
 Giffen, Cornelius, min., Edinburgh  
 Giffen, John, minister, Strathaven  
 Giffen, Mungo, minister, Morebattle  
 Gilchrist, Robert, minister, Shotts  
 Gilchrist, William, M.D., Rothesay  
 Gilfillan, R., M.A., B.D., min., Lochw' h  
 Gillan, Geo. G., M.A., chaplain, India  
 Gilland, Robt. B., M.D., Moultsford  
 Gillespie, John, M.A., Mousewald  
 Gillespie, John M., M.D., Accrington  
 Gillespie, Wm., minister, Edinburgh  
 Gillies, Dugald, minister, Rothesay  
 Gillies, Wm., minister, Edinburgh  
 Gilmore, S., phys., Castle Blayney  
 Gilmour, Adam, M.D., Duntocher  
 Gilmour, John, min., Gardenstown  
 Gilmour, Wm. M., M.D., Govan  
 Girvan, John, minister, Maryhill  
 Glen, James, M.D., Southbank, Yorks.  
 Glen, John, minister, Morebattle  
 Glen, John, M.B., Southbank, Yorksh.  
 Glendinning, Jas., M.D., Abergavenny  
 Goff, Bruce, M.D., Bothwell  
 Goold, James, min., Newton-Stewart  
 Goold, Marshall N., min., Dumfries  
 Gordon, James, minister, Twynholm  
 Gordon, James H., M.D., Pontypridd  
 Gordon, Henry, Moatbrae, Dumfries  
 Gordon, T., M.A., min., Bridge of Dee  
 Gordon, W. I., M.A., stud., Thornhill  
 Gorrie, James, minister, Sorbie  
 Gotto, Arth., C.E., B.Sc., Hampstead  
 Gould, Geo. P., M.A., stud., Norwich  
 Gourley, Sam., M.D., West Hartlepool  
 Gow, Wm., M.A., student, Dalry  
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 Graham, A. Lang, writer, Glasgow  
 Graham, J., M.A., minister, Armoys  
 Graham, James, writer, Glasgow  
 Graham, James, min., Broughty-ferry  
 Graham, Jas., minister, Cambuslang  
 Graham, J., B.L., law-cl., Carmunnock  
 Graham, Jas. D., M.A., teacher, Ayr  
 Graham, James T., minister, Govan  
 Graham, John, clerk, Glasgow  
 Graham, J., D.D., minister, Liverpool  
 Graham, J., major, Pembroke  
 Graham, John T., M.B., Perth  
 Graham, M. H., min., Maxton manse  
 Graham, R., M.A., D.D., Kilbarchan  
 Graham, Thomas, M.D., Paisley  
 Graham, Thomas, Leamington  
 Graham, Thomas D. C., Stewarton  
 Graham, T. J., M.D., Epsom, Surrey  
 Graham, William, C.A., Glasgow  
 Graham, William, merch., Glasgow  
 Granger, John Ross, M.B., Glasgow  
 Grant, C. M., M.A., min., Dundee  
 Grant, J. R., M.A., min., Buittle  
 Grant, R., LL.D., professor, Glasgow  
 Grant, William, M.B., Blantyre  
 Gray, Adam, M.A., min., Sutton  
 Gray, A., M.A., LL.D., min., Belfast  
 Gray, Alexander, M.A., Edinburgh  
 Gray, Alexander C., M.D., Selby  
 Gray, Alexander H., M.D., Lanark  
 Gray, Andrew, minister, Dumbarton  
 Gray, Andrew, minister, Kilmaurs  
 Gray, David, M.A., Gartloch  
 Gray, Donald, minister, Saltcoats  
 Gray, J. Roderick, M.D., Liverpool  
 Gray, John, minister, Freuchie

Gray, Robert, minister, Edinburgh  
 Green, Edwd., F.S., M.B., Bentham  
 Green, T. W., M.D., Rawtenstall  
 Greenlees, Gavin, manager, Glasgow  
 Greenlees, William, M.D., Glasgow  
 Greenshields, John B., of Kerse  
 Greer, S. M., M.A., barrister, Dublin  
 Gregg, Thomas, M.D., Cork  
 Greig, G., yr., stud., Kirkpatr., Durh'm  
 Greig, George, minister, Fairlie  
 Greig, Thomas H., minister, Biggar  
 Grierson, A., M.A., min., Irongray  
 Grierson, Jas., of Dalgoner, Dumfries  
 Grieve, John, M.A., M.D., Glasgow  
 Grieve, Robert, M.D., Kensington  
 Grieve, W., M.B., Barrow-in-Furness  
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 Griffiths, J. H., M.A., stud., Treorchy  
 Grime, John, M.D., Blackburn  
 Gross, Reuben, M.D., London  
 Gualter, W. H., minister, Aberdeen  
 Guinness, A. G., M.D., Oxford  
 Gunn, Daniel, M.A., min., Dumbarton  
 Gunn, W., M.D. (R.N.), Rochester  
 Gunnyon, William, Glasgow  
 Guthrie, James, cashier, Glasgow  
 Guthrie, T. O., M.B., Glasgow  
 Guthrie, W., sheriff-substitute, Glas.

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 Haddin, John, licentiate, Glasgow  
 Haining, James, M.D., Earlston  
 Hair, James, M.D., Bures St. Mary  
 Haldane, William, M.D., Braemar  
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 Hall, John, minister, Eaglesham  
 Hall, J., inspector of schools, Irvine  
 Hall, John, M.D., Ruddington, Notts  
 Hall, W. H., M.D., St. Leon'rd's-on-sea  
 Hallinan, Daniel, M.D., Longton  
 Hally, S., M.A., min., Carnwath  
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 Hamilton, A.S., M.D., Fahar, L'derry  
 Hamilton, D., student, Easterseat  
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 Hamilton, G., clerk, Kirkcudbright  
 Hamilton, H. M., min., Hamilton

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 Hamilton, J., M.A., min., Camp'e, Ire'd.  
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 Hamilton, Robert, M.B., Bradford  
 Hamilton, W., writer, Glasgow  
 Hamilton, Wm., M.A., min., Dundee  
 Hamilton, W. J., M.D., Cullion, L'derry  
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 Hannay, David, writer, Glasgow  
 Hanson, Geo., M.A., min., Springburn  
 Hanson, Geo. H., M.D., Brighton  
 Hanson, John, M.A., stud., Glasgow  
 Hardie, J., M.A., teacher, Lond. N. W.  
 Hardie, John, M.D., Glasgow  
 Hardy, Samuel L., M.D., Dublin  
 Harkan, Martin, M.D., Castlereagh  
 Harmar, Robert, M.D., Richmond  
 Harper, Hans, M.D., Killyleagh  
 Harper, J., D.D., minister, Leith  
 Harries, Henry, M.A., min., Clifton  
 Harrison, J. A., M.D., Haslingden  
 Hart, Archibald, minister, Crieff  
 Hart, John, M.D., Dublin  
 Harthill, William, M.D., Edinburgh  
 Hargreaves, Edmund, M.B., Sheffield  
 Harvey, John, merchant, London  
 Harvey, Robt., M.A., ins. sch., Glasg.  
 Harvey, T., M.A., rector, Edinburgh  
 Hatchell, George W., M.D., Dublin  
 Hay, Alexander, M.D., Connor, Kells  
 Hay, Alexander, M.D., Maryhill  
 Hay, J. A. R., probationer, Glasgow  
 Hay, James, minister, Kirn  
 Hay, John, M.D., Gartnavel Asylum  
 Hay, John, M.A., licentiate, Glasgow  
 Hay, Patrick, M.D., Ballymena  
 Hay, William, M.D., Carlisle  
 Haycroft, N., M.A., D.D., Leicester  
 Haydon, W. R., M.B., Tiverton  
 Hayman, E., minister, Dalmellington  
 Hays, R. L., M.D., Ballymacready  
 Headrick, John, minister, Sandbank  
 Hedderwick, T. C., M.A., stud., Glas.  
 Heeney, James P., M.D., Belfast  
 Heily, Joseph, M.D., Roscommon  
 Henderson, A., M.D., Johnstone  
 Henderson, A., M.A., min., Crieff

- Henderson, Elias, minister, Belford  
 Henderson, F., M.D., Helensburgh  
 Henderson, Geo., M.A., London, E.C.  
 Henderson, H. F., M.A., stud., Glas.  
 Henderson, Jas., M.A., teacher, Glas.  
 Henderson, J., M.A., min., Aberdeen  
 Henderson, R., chaplain, Punjaub, E.I.  
 Henderson, Thos., teacher, Greenock  
 Henderson, Thos. M., M.D., London  
 Henderson, Wm. T., min., N. Kilpatr'k  
 Hendrie, G. S., M.A., stud., Galston  
 Hendry, Chas., min., Lossiemouth  
 Henry, Barclay, M.D., Arrochar  
 Henry, J., M.D., Bury-St-Edmunds  
 Henry, J. F., M.D., Maghera, Derry  
 Henry, Joseph, M.A., min., Belfast  
 Henry, Richard, M.D., Clones  
 Herbert, David, M.A., Edinburgh  
 Herbert, Henry C., M.D., Dublin  
 Herbert, William, writer, Rothesay  
 Hercus, Hugh, minister, Plumstead  
 Herd, John W., M.B., London, E.  
 Herkless, W. R., M.A., stud., Glas.  
 Heron, Geo. Allan, M.D., London W.  
 Heron, James, M.A., Rothesay  
 Higginbotham, E., merchant, Glasg.  
 Hight, John, M.B., Ayr  
 Hill, H. D., M.A., min., Eaglesham  
 Hill, James, M.A., min., Fraserburgh  
 Hill, James, M.D., Belfast  
 Hill, Robert, W.S., Edinburgh  
 Hill, Wm. Henry, writer, Glasgow  
 Hilliard, R. H., M.D., Edinburgh  
 Hinshelwood, John, min., Worcester  
 Hinton, W. E., teacher, Middlesbro'  
 Hislop, Alex., M.A., min., Helensb'gh  
 Hobart, Nathaniel J., M.D., Cork  
 Hobson, Abraham, M.D., Ballylinan  
 Hodgson, J. M., M.A., B.D. prof. Manc.  
 Hoffmeister, Wm. C., M.D., Cowes  
 Hogarth, A. H., M.A., stud., Ardross'n  
 Hogarth, Robert, minister, Stranraer  
 Hogg, C., M.A., stud., Bellasis, Irel'd  
 Hogg, David, minister, Kirkmahoe  
 Hogg, D. N., minister, Auchtermuchty  
 Hogg, R., M.A., min., Castleblayney  
 Hoggan, James, minister, Covington  
 Holmes, Charles, M.D., Dublin  
 Holmes, H., M.B., Donemana, Tyrone  
 Holmes, Stephen, M.D., Dunmanway  
 Honeyman, P. S., writer, Glasgow  
 Hood, Robert, minister, Glasgow  
 Hooker, Joseph D., M.D., Kew  
 Hoppus, John, M.A., prof., London  
 Horn, Robert, advocate, Edinburgh  
 Horne, R. S., min., Limerig, Slam'n  
 Horne, R., min., Milton of Campsie  
 Horsfield, Jas. W., M.D., So. Hylton  
 Houston, James R., min., Carluke  
 Houston, J., M.D., surg., Grantown  
 Howat, Wm. B., M.B., Overtown  
 Howatson, J., M.A., stud., Stewarton  
 Howe, Alex. H., M.D., Stevenston  
 Howie, Robert, M.A., min., Govan  
 Howie, Thomas B., M.B., Alyth  
 Hudson, Cyrus, M.A., min., Dalston  
 Hughes, John, M.A., stud., Dowlais  
 Hume, George A., M.D., Crumlin  
 Hunt, John Percival, M.D., Lon. N.  
 Hunter, Andw., B.D., min., Eskbank  
 Hunter, Charles D., M.B., Glasgow  
 Hunter, David, B.D., min., Kelso  
 Hunter, George, M.A., stud., Glasgow  
 Hunter, James, M.D., Dregghorn  
 Hunter, J., M.A., B.D., min., Falkirk  
 Hunter, John, minister, Langforgan  
 Hunter, John B., M.D., Paisley  
 Hunter, Matthew, M.D., Dennistoun  
 Hunter, Thos., M.D., Polquhorther  
 Hunter, Walter, M.B., Mearns  
 Hunter, William, M.B., Dalry  
 Hunter, William, M.B., Innellan  
 Hunter, Wm. M., M.D., Eckington  
 Hunter, W. Wilson, LL.D., India  
 Hunter, William Bell, M.D., Forres  
 Huston, David, M.B., Port-Rush  
 Hutcheson, G., M.D., Bengal Army  
 Hutcheson, James, min., Greenock  
 Hutcheson, J., M.A., stud., Mous'ld  
 Hutchinson, John, M.B., Kilrea  
 Hutchison, John, D.D., min., Renfrew  
 Hutchison, J., M.A., teacher, Glasg.  
 Hutchison, J. D., M.B., Greenock  
 Hutchison, John M., mer., Glasgow  
 Hutchison, W. B., M.A., min., Maybole  
 Hutton, H., M.A., min., Stourbridge  
 Hutton, William, minister, Moffat  
 Hyslop, J. M'Adam, M.D., Edinburgh  
 Hyslop, John S., min., Scoonie, Fife



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 Imrie, D. N., B.D., minister, Logie  
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 Inglis, J. G., insp. of hos., Woolwich  
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 Ingram, Wm., architect, Glasgow  
 Innes, J., minister, Wibsey, Bradford  
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 Jack, Charles, M.D., Horsforth  
 Jack, Hugh M., minister, Girthon  
 Jack, Wm., M.A., LL.D., pub., Camb.  
 Jacques, Geo., minister, Auchterarder  
 Jackson, Daniel, M.D., Hexham  
 Jaffrey, Hugh, minister, Irvine  
 James, T., M.A., minister, Llandyssell  
 James, T., M.A., minister, Llanelly  
 James, Wm., M.A., min., Penydre  
 James, Sir Wm. M., LL.D., L.J., Lond.  
 Jameson, G. T., minister, Portobello  
 Jameson, John A., M.D., Glencloy  
 Jameson, Wm. G., solicitor, Airdrie  
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 Jamieson, William, M.D., Dublin  
 Jamieson, Wm. S., B.Sc., Glasgow  
 Jamieson, Arthur A., M.D., St. Helens  
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 Jardine, T., min., Arnshean manse  
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 Jeffray, James, M.D., Glasgow  
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 Jeffrey, J., M.A., teacher, Glasgow  
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 Jenkins, J., M.A., bar.-at-law, London  
 Jenkins, Wm., M.A., stud., Aberavon  
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 Johnston, Alex., writer, Glasgow  
 Johnston, Alexander, M.D., Carlisle  
 Johnston, Andrew, min., Kinglassie  
 Johnston, Archibald, M.B., Glasgow

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 Johnston, John W., sur.-major, Cork  
 Johnston, R., M.B., Wallacetown, Ayr  
 Johnston, Robert, M.D., Newry  
 Johnston, Wm. M., min., Sheuchan  
 Johnstone, Dav. G., M.B., Haltwhistle  
 Johnstone, Gilbert, min., Shettleston  
 Johnstone, J. W., M.A., prob., Partick  
 Johnstone, John, min., Castle-Douglas  
 Johnstone, John, minister, Stranraer  
 Johnstone, Quintin, min., Partick  
 Johnstone, W. T., B.A., min., Bowdon  
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 Jones, H., M.A., stu., Pentyrch, C'rdiff  
 Jones, John, M.D., Drumconrath  
 Jones, J. C., M.A., minister, Spalding  
 Jones, John H., M.A., min., Talgarth  
 Jones, R. J., M.A., teacher, Aberdare  
 Jones, W. A., M.A., min., Launton

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 Kavanagh, Bernard, M.D., Limerick  
 Kay, J. C., solicitor, Hamilton  
 Kaye, David, minister, Glasgow  
 Keir, A., M.D., Avonh'm, T'br'ge W'ls  
 Kell, E., M.A. min., P'tsw'd, S'h'mpt'n  
 Kelly, A. Lawson, M.D., Glasgow  
 Kelly, A. Gemmell, minister, Alva  
 Kelly, James K., M.B., Glasgow  
 Kelly, J. H., M.D., London  
 Kelly, John, minister, Rothesay  
 Kelly, John, minister, London  
 Kelso, John J., M.D., Lisburn  
 Kennedy, Alex., M.D., Coleraine  
 Kennedy, D. M., M.D., Liverpool  
 Kennedy, D. S., M.B., Fort William  
 Kennedy, Hugh, M.D., New Zealand  
 Kennedy, G. R., minister, Dornoch  
 Kennedy, J., M.B., Saltburn by the Sea  
 Kennedy, R., M.A., min., Myroe  
 Kennedy, Thomas, D.D., min., Edin.  
 Kenrick, John, M.A., minister, York  
 Ker, J., M.A., minister, Kirke'bright  
 Ker, William, minister, Stair  
 Ker, W. T., M.A., min., Deskford  
 Kerr, Gabriel, minister, Glasgow  
 Kerr, John, M.A., teacher, Glasgow  
 Kerr, J., LL.D., insp. of sch'ls, Aberd.  
 Kerr, Rev J., M.A., LL.D., teach. Glas.  
 Kerr, N. S., M.D., London



- Kerr, William S., M.D., Dumfries  
 Keyden, James, writer, Glasgow  
 Keyden, J., jun., writer, Glasgow  
 Keyworth, H. M., M.A., Alderley Edge  
 Kidd, James, M.A., stud., Glasgow  
 Kidd, Thos., M.A., min., Moniaive  
 Kidston, J. Burns, writer, Glasgow  
 Kidston, W., merchant, Ferniegar  
 Kiernan, James, M.D., Enniskillen  
 Killen, J. M., M.A., D.D., min., Comber  
 Kinnear, A. S., advocate, Edinburgh  
 King, A., minister, West Kilbride  
 King, James, merchant, Glasgow  
 King, J. W., M.A., min., E. Kilpatrick  
 King, John, M.A., minister, Bellasis  
 King, John, farmer, Braco, Airdrie  
 King, W., licentiate, Edinburgh  
 King, Wm. Y., M.A., stud., Oxford  
 Kinloch, J. M., minister, W. Linton  
 Kinross, John, M.A., minister, Largs  
 Kirk, John S., teacher, Carnarvon  
 Kirk, Thomas, minister, Brechin  
 Kirke, Robt., D.D., minister, Hutton  
 Kirkland, Andw., M.D., Motherwell  
 Kirkwood, A., LL.D., writer, Glasg.  
 Kirkwood, John, minister, Troon  
 Kirkwood, Robert, M.D., Largs  
 Kittermaster, J., M.D., Meriden  
 Knight, Alexander, M.D., Clones  
 Knox, David, M.D., Bawtry  
 Knox, David N., M.B., Hillhead  
 Knox, James H., M.B., Birkenhead  
 Knox, James, D.D., min., Glasgow  
 Knox, R., M.A., D.D., min., Belfast  
 Knox, Robert, minister, Glasgow  
 Kyle, T., M.A., min., Banton, Denny  
 Kynsey, Thomas B., M.D., Athy  
  
 Lade, Alex., writer, Port-Glasgow  
 Lade, George, M.D., Glasgow  
 Laidlaw, W. G., M.D., Birkenhead  
 Laird, S., M.D., Douglas, Isle of Man  
 Lalor, Joseph, M.D., Dublin  
 Lambie, James, M.B., Lowick, Beal  
 Lambie, Jas., M.A., st., Howood, Pais.  
 Lambie, J. M., minister, Grangemouth  
 Lamond, Henry, writer, Glasgow  
 Lamond, R. Peel, writer, Glasgow  
 Lamond, Jas., parlia. agent, London  
 Lamont, James, minister, Dalkeith  
  
 Landsborough, D., min., Kilmarnock  
 Lane, Alexander, M.D., Ludlow  
 Lane, Alexander, M.D., Aughadowey  
 Lane, W., M.D., Newtonlimavady  
 Lang, A. M., M.B., London W.  
 Lang, Andw. M., B.Sc., min., Paisley  
 Lang, D. M., accountant, Glasgow  
 Lang, Gavin, minister, Fyvie  
 Lang, G. W., M.D., Killane  
 Lang, Hugh Morris, M.D., Selkirk  
 Lang, John M., D.D., minister, Glas.  
 Lang, R., M.A., minister, Dundee  
 Lang, Thomas B., M.D., Groombridge  
 Lang, T. Halliday, minister, Ayr  
 Langle, J. N., LL.D., Wolverhampt.  
 Langle, W. Leslie, M.D., Tramore  
 Langwill, James, min., Currie, Edin.  
 Lapraik, Thomas, M.D., Glasgow  
 Latta, John, merchant, Glasgow  
 Lauchlan, J., prob., Campbelton  
 Lauder, William, minister, Strachur  
 Laurie, A., chaplain, Govan  
 Lawlor, William H., M.D., Tralee  
 Lawrie, A. C., dist. judge, Ceylon  
 Lawrie, G. J., D.D., min., Monkton  
 Lawrie, James, M.D., Glasgow  
 Lawrie, J. G., engineer, Whiteinch  
 Lawrie, John, minister, Liberton  
 Lawson, R. Wylie, minister, Airdrie  
 Lawson, Rod., minister, Maybole  
 Leckie, Alexander, surgeon, Glasgow  
 Leckie, David, M.B., Glasgow  
 Lee, William, D.D., prof. Glas. Col.  
 Leech, Jonathan, M.D., Dublin  
 Lees, J. C., D.D., min., Edinburgh  
 Lees, Thomas M'C., M.D., Greenock  
 Leet, C. Henry, M.D., Rathmines  
 Leggat, Rev. W., teacher, Glasgow  
 Leiper, Andrew, B.D., min., Glasgow  
 Lieper, John, minister, Chapelton  
 Leishman, Robert, minister, Clunie  
 Leishman, T., D.D., min., Linton  
 Leishman, W., M.D., prof., Glasgow  
 Leitch, John G., M.D., Glasgow  
 Leitch, R., M.A., min., Blackfordby  
 Leslie, David, M.D., London  
 Levenston, Samuel, M.D., Glasgow  
 Lewis, George, minister, Stirling  
 Lewis, James, minister, Leith  
 Lewis, John R., M.B., Wishaw

- Lewis, Robert, M.A., teacher, Glasgow  
 Lewis, William, M.D., Paisley  
 Lewis, J. Paterson, M.D., Dalbeattie  
 Leys, J. K., M.A., baris., N.-on-Tyne  
 Leys, Peter, minister, Strathaven  
 Liddell, T., D.D., min., Lochmaben  
 Lightburne, Joseph, M.D., Killeanduff  
 Lindsay, A., M.B., Blackhouse, Shap.  
 Lindsay, Alexander, M.D., Glasgow  
 Lindsay, A. M., A.M., writer, Glasgow  
 Lindsay, J., minister, Helensburgh  
 Lindsay, John, teacher, Row  
 Lindsay, John, M.D., Lesmahagow  
 Lindsay, John F., M.B., Glasgow  
 Lindsay, Robert, teacher, Glasgow  
 Lindsay, R. C., B. Sc., tr., New.-on-T.  
 Linn, J. F., M.A., minister, Airlie  
 Lytteil, W., M.A., min., Edinburgh  
 Livingstone, James, M.D., Wishaw  
 Livingstone, J., M.D., New Barnet  
 Livingstone, Neil, minister, Stair  
 Livingstone, Peter, M.B., Bow, Lon.  
 Livingstone, Robert, M.D., Wishaw  
 Livingstone, Thos., M.D., Stanhope  
 Livingstone, Wm. O., M.B., Glasgow  
 Lloyd, Evan, M.B., Tregaron  
 Lochead, D., minister, Glasgow  
 Lochead, J., minister, Alloway, Ayr  
 Lochore, Gavin, minister, Kirkwall  
 Lockhart, A. J., colonel, Edinburgh  
 Lockhart, James, writer, Glasgow  
 Lockhart, L. M., captain, Ashiestiel  
 Lockhart, W., M.A., min., Colinton  
 Logan, Archibald, M.D., Glasgow  
 Logan, G., B.D., min., Motherwell  
 Logan, T. Galbraith, M.D., London  
 Logan, W., M.A., min., Langton, Dunse  
 Logan, Wm., M.A., student, Glas.  
 Long, A., M.A., minister, Monreagh  
 Lonie, John, M.D., Preston  
 Longmuir, James, M.D., Bathgate  
 Longwell, D., M.A., min., Bromley  
 Lorimer, J. C., M.A., advocate, Edin.  
 Lorimer, R., M.A., min., Strathmartin  
 Lorraine, J. C., M.A., min., Caerlav'rk  
 Loudon, J., M.A., stud., Motherwell  
 Love, John, farmer, Rutherglen  
 Low, R. N., M.D., Lismore  
 Lowrie, A., M.A., min., Ballyshannon  
 Lumgair, D., minister, St. Boswells  
 Lumgair, John, merchant, Arbroath  
 Lumsden, George, M.B., Nass  
 Lumsden, Sir J., merchant, Glasgow  
 Lundie, Alex., minister, Torryburn  
 Lyle, J., M.A., Br'ghshane, Ballymena  
 Lyle, R., M.D., Newcastle-on-Tyne  
 Lyle, T., M.B., Newcastle-on-Tyne  
 Lynn, Joseph M., M.B., Armagh  
 Lynn, Thomas, M.D., Liverpool  
 Lyon, J., minister, Broughty-ferry  
 Lyon, J., M.D., Southend, Campbelton  
 Lyon, Robert, minister, Leith  
 Lyon, Walter, M.B., Glasgow  
 Mack, William, M.D., Airdrie  
 Maddever, John C., M.D., Rothesay  
 Maddever, John C., M.B., Rothesay  
 Magrath, J. A., M.D., Teignmouth  
 Mahood, Allan E., M.D., Kingston  
 Main, Jas., M.A., stu., Hillhead, Glas.  
 Main, Jas., T., M.A., stu., Greenock  
 Main, Thomas, minister, Edinburgh  
 Mair, Alex., D.D., min., Edinburgh  
 Mair, George, teacher, Helensburgh  
 Mair, John, min., Southdean, Hawick  
 Malloch, David, min., Largo, Fife  
 Malloch, J. M., M.A., student, Braco  
 Mancor, A. F., M.B., Brixton, Lon.  
 Mann, David, minister, Wamphray  
 Mann, J., M.A., stud., London, W.C.  
 Manson, Sinclair, M.A., librar., Glas.  
 Markland, James, minister, Stirling  
 Marriott, O.D., M.B., Sevenoaks, Kent  
 Marshall, Alex., M.A., stu., B. of Allan  
 Marshall, Alex. Porter, Dalintober  
 Marshall, Andrew, M.D., Preston  
 Marshall, G. H., M.D., Birmingham  
 Marshall, Jno., sen., coll.-justice, Edin.  
 Marshall, John, jun., writer, Glasgow  
 Marshall, J., of Chapelton, Glasgow  
 Marshall, John S., M.D., Hamilton  
 Marshall, T., M.A., min., Caputh  
 Marshall, William, M.D., Windsor  
 Martin, Alex., B.D., min., Saltcoats  
 Martin, J. merchant, Strathaven  
 Martin, John, W.S., Edinburgh  
 Martin, P. M., minister, Ipswich  
 Martin, Robert, student, Bothwell  
 Martin, Thomas, min., Kilmarnock  
 Martin, T., M.A., minister, Dundee

- Martin, Thomas, min., Strathminglo  
 Martin, T., M.D., Blackwatertown  
 Mason, Gavin, minister, Sandbank  
 Mason, James, M.D., Sheffield  
 Massy, R. Tuthill, M.D., Brighton  
 Mather, G. Ritchie, M.D., Glasgow  
 Matheson, Geo., B.D., min., Innellan  
 Mathieson, James E., banker, London  
 Maunsell, Henry, M.D., Dublin  
 Mavor, Jas., M.A., min., Pollokshields  
 Maxwell, James, M.D., Derrylin  
 Maxwell, James, minister, Kilmaurs  
 Maxwell, Thos., merchant, Glasgow  
 Maxwell, Wm., M.A., stud., Hamil.  
 Mayberry, Geo. M., M.D., Kenmare  
 Mayberry, T. Duckett, M.D., Tralee  
 Mayne, J., M.D., Dalton in Furness  
 Mearns, Andrew, minister, Chelsea  
 Mearns, Peter, minister, Coldstream  
 Meek, John, of Fortissot, Hamilton  
 Meighan, Thos. Spence, M.D., Glas.  
 Meikle, M., M.A., minister, Fintry  
 Meikleham, Geo. C., M.D., Cheltenham  
 Meikleham, J., M.A., min., Grange  
 Meiklejohn, J. C., min., Chapelknowe  
 Meiklejohn, John, M.A., prob., Glas.  
 Meiklem, R., B.D., min., Drumelzier  
 Mein, Alex., manufacturer, Glasgow  
 Melville, P., B.D., min., Pictou, N.S.  
 Melvin, David, Oxford  
 Menzies, J. Hume, M.D., Glasgow  
 Michell, Humphrey, M.D., Dublin  
 Middleton, Geo. S., M.B., Maryhill  
 Middleton, William, M.D., Mullingar  
 Middleton, Wm., M.D., Milltown Pass  
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 Millar, James, minister, Edinburgh  
 Millar, James, M.D., Edinburgh  
 Millar, James, M.D., Glasgow  
 Millar, Jas. G., M.A., stu., Dowanhill  
 Millar, John N., M.B., Wombwell, Yk.  
 Millen, E., M.A., teacher, Glasgow  
 Miller, Alex., minister, Newbigging  
 Miller, Charles, minister, Dunse  
 Miller, D., M.A., stud., Pittenweem  
 Miller, Henry, minister, London  
 Miller, Hugh, M.D., Glasgow  
 Miller, Hugh, M.D., Helensburgh  
 Miller, Hugh, M.D., Birkenhead  
 Miller, James, M.D., London  
 Miller, James, writer, Glasgow  
 Miller, J., minister, Newton-on-Ayr  
 Miller, John, M.D., Helensburgh  
 Miller, John, M.A., minister, Dunse  
 Miller, Peter G., minister, Wishaw  
 Miller, Ralph, Glasgow  
 Miller, R. K., M.A., Cambridge  
 Miller, Thomas, minister, Neilston  
 Miller, Thomas H., M.A., stud., Glas.  
 Miller, Thomas, min., Craigie, Perth  
 Miller, Thomas, M.B., Glasgow  
 Miller, William, minister, St. Helens  
 Miller, W. G., M.A., LL.B., wr., Glas.  
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 Milligan, J., M.A., min., Twynholm  
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 Mitchell, A., M.D., Canisbay, C'ness  
 Mitchell, Alex., advocate, Sauchrie  
 Mitchell, Alex., M.D., Glasgow  
 Mitchell, Andrew, writer, Glasgow  
 Mitchell, D., M.A., min., Buncrana  
 Mitchell, J., LL.D., writer, Glasgow  
 Mitchell, James, M.D., Stonehouse  
 Mitchell, J. C., M.A., writer, Glasg.  
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 Mitchell, John, M.D., Barnard Castle  
 Mitchell, Thos., teacher, Mauchline  
 Mitchell, William, min., Edinburgh  
 Mitchell, W., M.A., min., Newtonards  
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 Moffat, William, minister, Cairnie  
 Moir, James, M.B., Glasgow  
 Moir, John, B.D., min., Cairneyhill  
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 Monteath, R. K., minister, Glasgow  
 Monteith, John, minister, Thornhill  
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 Montgomerie, George, M.D., Dublin  
 Montgomerie, J. B., M.D., Penzance  
 Montgomery, R., M.A., B.D., South'd  
 Montgomerie, T., minister, Ayton  
 Moodie, John, M.A., min., Chryston  
 Moody, Andrew, missionary, Pesth

- Moody, Robert, writer, Bothwell  
 Moody-Stuart, Alex., D.D. min., Edin.  
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 Moore, James Thos., M.D., Glasgow  
 Moore, H., M.A., min., Newtonards  
 Moore, Samuel J., M.D., Glasgow  
 Moore, W. K., M.A., D.D., min., L'pool  
 Moore, W., M.A., min., Lochrutton  
 Moore, Wm., M.B., Ayr  
 Moorhead, M., M.D., Tullamore  
 Moreland, Hugh, M.D., Belfast  
 Morell, J. D., LL.D., ins. of sch's, Lond.  
 Morgan, J., M.A., LL.D., Blackheath  
 Morier, William J., M.D., Glasgow  
 Morison, John, minister, Coldingham  
 Morison, Peter, minister, Saline  
 Morison, W., D.D., min., London, W.  
 Morison, Adam, writer, Gartloch  
 Morrison, A. F., M.A., st., Dowanhill  
 Morrison, Andrew Black, M.B., Glas.  
 Morrison, Donald S., M.B., Glas.  
 Morrison, Dn., M.A., stud., Strachur  
 Morrison, H., M.A. min., Killymurris  
 Morrison, J., minister, Corstorphine  
 Morrison, James, writer, Glasgow  
 Morrison, J. D., M.A., stud., Glasgow  
 Morrison, W., M.A., min., Elvanfoot  
 Morrissy, Tobias J., M.D., Tipperary  
 Morton, And., minister, Edinburgh  
 Morton, C., surg., R.N., Grange  
 Morton, J. N., M.A., writer, Glasgow  
 Morton, Thomas, M.A., teach., Glas.  
 Morton, Wm. T., M.A., stud., Kilm'k.  
 Moyles, Thomas, M.D., Birmingham  
 Muir, James, minister, Egremont  
 Muir, James, min., Bridge of Allan  
 Muir, John James, minister, Jersey  
 Muir, J. P., M.B., Moniaive, Glencrn.  
 Muir, Thos., M.A., teacher, Glas.  
 Muirhead, H., M.D., Cambuslang  
 Muirhead, I. B., M.A., stu., Hillhd.  
 Muirhead, J. L., minister, Wooler  
 Muirhead, J. H., M.A., stud., H'head  
 Mungall, Andrew, M.B., Glasgow  
 Mungall, Robert, M.D., Lochgelly  
 Munro, Daniel, house agent, Glasgow  
 Munro, F., M.B., Stockton on Tees  
 Munro, Hugh, min., Kilmory, Arran  
 Munro, J. L., B.D., min., Linlithgow  
 Munro, R., B.D., min., Kincardine  
 Munsie, Wm., minister, Slateford  
 Murdoch, A., prof.'s assist., Glasgow  
 Murdoch, Alex., min., Sorbie  
 Murdoch, James, minister, Pitsligo  
 Murdoch, J., min., Kirkpat. Fleming  
 Murdoch, Robert, M.B., Galston  
 Murdoch, Wm., writer, Glasgow  
 Murie, James, M.D., London  
 Murphy, A. T., M.A., teach., Wallace'n  
 Murphy, John, M.D., Milltown, Kerry  
 Murphy, Wm. D., M.D., Askeaton  
 Murray, A. D., M.A., stu., Rutherglen  
 Murray, A. J., M.A., min., Croydon  
 Murray, Alex., merchant, Glasgow  
 Murray, A. R., M.A., stu., Greenock  
 Murray, D., M.A., writer, Glasgow  
 Murray, D., M.D., Ashton-under-Lyne  
 Murray, Geo., M.A., min., B. Columbia  
 Murray, H. M., minister, Glasgow  
 Murray, J., M.A., M.D., Wickham  
 Murray, John, M.D., Cookstown  
 Murray, John, M.D., Carluke  
 Murray, J. C., LL.D., prof., Montreal  
 Murray, Robert, minister, Alyth  
 Murray, T., M.A., min., E. Anstruther  
 Murray, W., M.D., Burley in Wh'dale  
 Mushet, James, minister, Glasgow  
 Muter, James, teacher, Glasgow  
 Myles, Thos., minister, Aberlemno  
 Macaffer, John, M.B., Bowmore, Islay  
 Macalister, D. M., min., Kennoway  
 M'Alister, Dugald, min., Stichell  
 M'Alister, Ronald, min., Cromdale  
 Macara, Wm., min., Strathmiglo  
 M'Arthur, Duncan, M.A., stu., G'nock  
 Macarthur, J., M.A., min., Kilmodan  
 Macarthur, J., M.A., advoc., Edin.  
 Macarthur, Peter, M.D., London  
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 M'Brayne, Robt., merchant, Hurler  
 M'Bride, Alex., minister, North Bute  
 M'Bride, Charles, M.B., Wigtown  
 M'Bride, Neil, minister, Glenisla  
 M'Caig, Ch. N., min., Lochgilphead  
 Maccall, Alex. M., minister, Cavers  
 M'Call, J. Drennan, min., Ardrossan



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 M'Calman, Dove, M. B., Bonaw  
 M'Calman, Hugh, min., Latheron  
 M'Carter, J., M. A., minister, Derry  
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 M'Coll, John, minister, Partick  
 M'Collum, Jas., M. D., Eglinton, Derry  
 M'Conaghy, J., M. A., min., St Johnst.  
 M'Conaghy, J. F., M. A., St Johnst.  
 Maconechy, James, min., London, W.  
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 M'Connochie, James, M. D., Glasgow  
 M'Conaghey, J., M. A., min., Sion  
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 M'Cosh, R. N., M. D., Dundee  
 M'Cowan, R. T., M. D., Bankfoot  
 M'Cracken, John, M. B., Stoneykirk  
 M'Cracken, Wm., M. D., Inch  
 M'Crie, J., D. D., min., Colmonell  
 M'Crindle, T., M. A., min., Yarrow  
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 M'Culloch, J., M. D., Greenock  
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 Macdonald, Archd., min., Boisdale  
 Macdonald, J., M. A., min., Dallas  
 M'Donald, John, M. B., Carbst, Skye  
 Macdonald, J., B. D., min., Loanhead  
 Macdonald, John D., M. B., Glasgow  
 Macdonald, Murdoch, min., Nairn  
 Macdonald, R., minister, Blantyre  
 M'Donald, R., sch.-mas., Galston  
 M'Donald, R., min., South-Uist  
 M'Donald, William, M. D., Glasgow  
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 Macdougall, Allan, min., Rothesay  
 Macdougall, J., min., Stratheconan  
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 M'Dougall, Neil, M. A., min., Oban  
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 M'Ewan, Thos., min., Grange, Edin.  
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 M'Fadyen, Donald, min., Laggan  
 M'Fadyen, Donald, M. D., Alva  
 M'Fadyen, Jas., min., Pollokshaws  
 Macfadyen, James, min., Kildalton  
 Macfadyen, J. A., M. A. min., Manch.  
 Macfadyen, T. E., minister, Patna  
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 Macfarlane, A. W., M. D., Kilm'k  
 Macfarlane, A., minister, Fairisle  
 Macfarlane, A., minister, Lerwick  
 Macfarlane, David, solicitor, Falkirk  
 Macfarlane, Donald, min., Killeen  
 Macfarlane, D., assis.-prof., Glasgow  
 Macfarlane, D., M. A., min., Walston  
 Macfarlane, Duncan, rector, Alloa  
 Macfarlane, Hugh, minister, Oban  
 Macfarlane, J., M. A., min., Edin.  
 Macfarlane, J., min., Muiravonside  
 Macfarlane, John, teacher, Fogo  
 Macfarlane, J., minister, Maidenhead  
 Macfarlane, J. A., minister, Urray  
 Macfarlane, John H., mer., Cowlairs  
 Macfarlane, P., min., Pittenweem  
 Macfarlane, P., B. A., min., Rothesay  
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 Macfie, Wm. Guelph, min., Glasgow  
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 MacGill, H. M., D.D., U.P. Sec., Edin.  
 MacGill, Henry M., min., North Esk  
 M'Gill, Jas., M.A., min., B'rnemouth  
 M'Gill, Matthew, min., Mauchline  
 M'Gill, William, M.D., Glasgow  
 M'Gillivray, George, M.D., Oban  
 M'Gilvray, Walt., D.D., min., Aberd.  
 M'Gonigle, W. A., M.A., cu., Cr., Darl.  
 M'Gowan, Robt. W., M.A., min., Edin.  
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 Macgregor, Alex., min., Balquidder  
 Macgregor, Alex., min., Kilwinning  
 Macgregor, Alex., student, Iona  
 MacGregor, Andw., min., Johnstone  
 MacGregor, Donald, M.B., Crieff  
 M'Gregor, John, M.D., Liverpool  
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 Macgregor, John F., min., Glasgow  
 Macgregor, Malcolm, min., Ferintosh  
 M'Gregor, R., M.A., student, Glasg.  
 M'Grigor, A. B., LL.D., writer, Glas.  
 M'Gusty, Thomas H., M.D., Slane  
 M'Harg, Eben. S., accountant, Glasg.  
 M'Iloy, James, M.B., Ballymoney  
 M'Ilwaine, W., M.A., min. Auchnacloy  
 M'Ilaith, John, min., Erskine manse  
 M'Ilwraith, Thos., surgeon, Barrhill  
 M'Indoe, Patrick, stockbroker, Glas.  
 M'Indoe, Robert, min., Galston  
 MacIndoe, Wm., M.D., Lockerbie  
 M'Innes, Duncan, min., Cromdale  
 M'Innes, Joseph, min., Arisaig  
 M'Innes, Robert, minister, Ayr  
 M'Intosh, James, M.A., stu., Glasg.  
 M'Intosh, Jas., merchant, Glasgow  
 M'Intyre, Alex., minister, Shieldag  
 M'Intyre, Alexander, Glasgow  
 M'Intyre, James, min., Edinburgh  
 M'Intyre, John B. K., min., Largs  
 M'Intyre, J., far., Corran of Ardgour  
 Macintyre, J., M.A., min., Greenloan'g  
 Macintyre, John, minister, China  
 M'Intyre, John, M.D., Rotherfield  
 M'Intyre, John P., M.D., Callander  
 M'Intyre, Malcolm, min., Boleskine  
 M'Isaac, D.D., M.A., min., K'kmich'el  
 M'Isaac, Jas. B., M.A., stu., Glasg.  
 M'Jannet, F. M., M.B., Irvine  
 M'Kay, A., M.D., Crook, Durham  
 Mackay, J., M.A., stu., St. Andrews  
 Mackay, N., M.A., stu., Southend  
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 Mackechnie, Robt. A., M.B., Ru'glen  
 Mackintosh, A. J., M.D., Downham  
 Mackintosh, Alex. Brodie, Dunoon  
 Mackintosh, Angus, M.D., Collington  
 Mackintosh, Donald, M.D., London  
 Mackintosh, Dan., M.D., Portsmouth  
 Mackail, John, M.A., min., Ayr  
 Mackay, Don., min., Manse of Cross  
 Mackay, Dun., M.A., teach., Glasg.  
 Mackay, George, M.D., Wellington  
 Mackay, J., M.A., stu., Cawdor, Nairn  
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 Mackay, P., M.A., sch'm'tr, Valp'so.  
 M'Keag, Daniel, M.D., Coleraine  
 M'Kechnie, John, London  
 M'Kechnie, Wm., M.D., Greenock  
 MacKeith, Donald, M.D., Sandhurst  
 MacKellar, Dugald, min., Glasgow  
 M'Kellar, John, M.D., Obbe, Harris  
 M'Kellar, P. H. M., M.A., M.B., Lon.  
 M'Kellar, Robert, min., Gourrock  
 M'Kellar, Wm. A., M.D., Glasgow  
 M'Kelvie, Robert B., M.D., Appin  
 M'Kenna, R., M.A., min., Dumfries  
 MacKenzie, A. R., M.D., Fortrose  
 Mackenzie, A. M. A., teach., Helensb'h  
 Mackenzie, A., min., South Knapdale  
 M'Kenzie, Alex., min., Kidalton  
 Mackenzie, Daniel, London  
 M'Kenzie, Don., teacher, Carndaisar  
 Mackenzie, Don., M.A., Sth. Africa  
 Mackenzie, James, min., Colonsay  
 M'Kenzie, J., M.D., Tighnabruaich  
 M'Kenzie, John, minister, Glasgow  
 M'Kenzie, Kenneth, min., Bo'ness  
 MacKenzie, Lachlan, minister, Jura  
 M'Kenzie, R. D., writer, Caldaran

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 M'Kenzie, N. B., banker, Fort-Wm.  
 MacKerrow, G., M.B., Ayre  
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 MacKichan, D., B.D., min., Bombay  
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 Mackie, D., M.A., min., Stewartstown  
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 Mackindlay, James, min., Edinburgh  
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 Mackinlay, John, M.D., Barrhead  
 Mackinnon, Alex., min., Strathfillan  
 M'Kinnon, D. A., M.A., stu., S'fillan  
 Mackinnon, W. A., surg. major, Netley  
 Mackison, Fran., C.E., Stirling  
 Mackison, John, insp. of poor, Doune  
 M'Knight, John, min., Whitburn  
 M'Lachlan, Alex., M.B., Newcastle  
 MacLachlan, A., M.B., London, E.C.  
 M'Lachlan, Donald, min., Cumlodden  
 M'Lachlan, Donald, min., Luing  
 MacLachlan, Ivie M., min., Kilmar'k  
 MacLachlan, James, M.D., Walsall  
 MacLachlan, J., M.B., Bridgend, Glam.  
 M'Lachlan, Peter, min., Partick  
 M'Lachlan, Wm., writer, Glasgow  
 MacLachlan, William, M.B., Dalry  
 MacLachlan, W. A., M.D., Dumbarton  
 M'Lachlan, Neil D., M.A., stu., G'nock  
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 MacLaren, John, M.D., Glasgow  
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 M'Laughlan, J., M.D., Newt'nlim'v'dy  
 MacLachy, A.C., M.A., min., Enniskil.  
 M'Latchy, John, M.D., Kilmarnock  
 M'Laurin, William, M.B., Greenock  
 M'Lay, David T., writer, Glasgow  
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 M'Lay, Walter, min., Strathaven  
 M'Lean, Alex. Hugh, min., Carnwath  
 MacLean, D., M.A., B.D., min., Alloa  
 M'Lean, Daniel, M.D., Glasgow  
 M'Lean, Daniel, minister, Lanark  
 M'Lean, Donald, minister, Glasgow  
 M'Lean, Duncan, min., Glenorchy  
 M'Lean, Hector F., W.S., Edinburgh  
 M'Lean, John, B.D., min., Kilchoman  
 M'Lean, John, minister, Knoydart  
 M'Lean, Malcolm, M.D., Bracadale  
 M'Lean, M., B.D., min., Brodick  
 M'Lean, R., M.A., advocate, Edin.  
 M'Lean, Robt., M.A., stud., Glasg.  
 M'Lean, William, merchant, Glasg.  
 M'Lean, William, writer, Glasgow  
 MacLehose, Robert, M.A., stu., Glasg.  
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 MacLeish, Peter, D.D., min., Dunlop  
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 M'Leod, Alex., D.D., Birkenhead  
 Macleod, Donald, D.D., min., Glasg.  
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 M'Leod, Donald, M.D., Kilmarnock  
 Macleod, G. H. B., M.D., prof., Glas.  
 Macleod, John, D.D., min., Morven  
 Macleod, John, minister, Govan  
 M'Leod, Neil, factor, Feolin, Jura  
 M'Leod, Ninian F., M.D., Paisley  
 Macleod, Norman, min., Edinburgh  
 M'Lerie, William, writer, London  
 M'Letchie, Thos., M.D., West Calder  
 M'Luckie, Robert, writer, Stirling  
 M'Martin, Arch., M.A., min., Nigg  
 Macmeekin, J. W., min., Lesmahagow  
 M'Meikan, D., M.A., min., Cumbern'd  
 M'Millan, Gilbert, min., Loth  
 M'Millan, John, M.D., Hull  
 M'Millan, Neil, farmer, Kilmalcolm  
 M'Millan, Wm. F., M.D., Buckley  
 M'Moneagle, H.S., B.L., law-cl., Glas.  
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 M'Morris, R., M.A., min., M. Cun'ham  
 M'Mullan, John, M.D., Downpatrick  
 M'Munn, Jas., M.D., Dromore West  
 M'Munn, John, M.D., Sligo  
 M'Munn, Robert, M.D., Dromaid  
 M'Murphy, A. K., M.A., min., Scone  
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 M'Nab, D. E., minister, Ardrrossan  
 Macnab, J. S., minister, Millport  
 M'Nab, Robert, M.D., Preston  
 M'Nab, R., M.D., dep. sur. gen., Prest'n  
 M'Nair, J., M.D., min., Auchtermuch.  
 M'Nair, J. R., bookseller, Glasgow

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 M'Neil, J., minister, Rutherglen  
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 M'Pherson, John, minister, Greenock  
 Macpherson, J., minister, Carnish  
 Macpherson, J., minister, Lochalsh  
 MacPherson, J. F., B.D., min., Roth'y  
 Macpherson, N., M.A., min., Inverary  
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 M'Quisten, A., M.A., min., Inverkip  
 Macrae, C. M., M.D., Stornoway  
 Macrae, David, minister, Gourrock  
 MacRae, D., minister, Stornoway  
 MacRae, J., D.D., minister, Hawick  
 Macrae, J. A., minister, North Uist  
 Macreight, W. W., M.D., Torquay  
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 MacTurk, J. W., min., Langholm  
 M'Tyer, William, M.D., Maybole  
 M'Vail, David C., M.B., Glasgow  
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 Naismith, Robert, min., Chirnside  
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 Nicolls, P. J., M.D., Navan, Co. Meath  
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 Nisbet, James S., minister, Edinburgh  
 Niven, Robert, minister, Maryhill  
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 O'Kelly, E. T., jr., M.D., Maynooth  
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 Oliver, Wm., M.A., min., Brecon  
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 Orr, John, minister, Glasgow  
 Orr, John, M.A., min., Portoferry  
 Orr, John, minister, manse, Kilbirnie  
 Orr, John, M.A., student, Paisley  
 Orr, Robert, M.D., Glasgow

Orr, Robert W., minister, Brechin  
 Orr, William, minister, Fenwick  
 O'Rourke, Patrick, M.D., Enniscorthy  
 Osborne, D., M.A., stud., Cupar Fife  
 Osborne, H., M.A., min., Holywood  
 Osborne, Jas., M.D., Huddersfield  
 Osborne, John A., M.D., Milford  
 Osborne, J. Stuart, cashier, Garnethill  
 Otterson, Michael, M.D., Moneymore  
 Owen, R., M.A., minister, Pennal  
 Owen, Wm. Griffith, M.B., Glasgow  
 Owens, George B., M.D., Dublin

Pagan, John, M.A., min., Bothwell  
 Paisley, John, min., Garelochhead  
 Paisley, Robert, D.D., min., St. Ninians  
 Palmer, Joseph, M.D., Dublin  
 Park, Hugh, minister, Cumbernauld  
 Park, J., M.A., D.D., min., Cadder  
 Park, John, advocate, Edinburgh  
 Park, Wm., D.D., minister, Airth  
 Parker, Joseph, M.D., Limerick  
 Parker, Noble D., M.D., Ballincollig  
 Parkin, George, M.A., stu., Wishaw  
 Parlane, J., M.A., min., Burntisland  
 Parlane, Wm., M.A., min., Tranent  
 Parry, William, M.D., Caersws  
 Parsons, F. H., M.D., Barking  
 Paterson, A., M.A., stud., Auchengray  
 Paterson, A. C., M.A., B.L., law-cl, Gl.  
 Paterson, George, writer, Glasgow  
 Paterson, H. S., M.D., min., London  
 Paterson, James, M.D., Glasgow  
 Paterson, James, M.D., Partick  
 Paterson, J., D.D., min., Glasgow  
 Paterson, J., LL.D., rector, N. Bruns.  
 Paterson, John, minister, Dollar  
 Paterson, John, minister, New Deer  
 Paterson, J., M.A., B.D., min., Airdrie  
 Paterson, Joshua, M.D., Glasgow  
 Paterson, Robert, writer, Glasgow  
 Paterson, R., missionary, Hamilton  
 Paterson, Robert, M.D., Glasgow  
 Paterson, Robt., M.A., stud., Galston  
 Paterson, Robert P., yr., Tarbolton  
 Paterson, William, M.D., Chorley  
 Paterson, William, M.D., Rothesay  
 Paterson, W., B.D., min., Portobello  
 Paterson, William, writer, Glasgow  
 Paterson, W. A. Orr, advocate, Ayr

Paton, D., M.A., B.D., Dalton  
 Paton, James, minister, Airdrie  
 Paton, J., M.A., stud., Coatbridge  
 Paton, James, M.B., Greenock  
 Paton, J. Muir, teacher, Troon  
 Paton, J. A. H., min., Duddingston  
 Paton, J. P., merchant, Glasgow  
 Paton, Robert T., M.D., Glasgow  
 Paton, Thomas W., M.D., Glasgow  
 Patrick, David, writer, Hamilton  
 Patrick, Jas., min., Patna, Ayrshire  
 Patrick, J., M.A., st., Lochwinnoch  
 Patrick, Wm., M.A., stu., Glasgow  
 Patrick, William, M.D., Glasgow  
 Patterson, Alexander, M.D., Glasgow  
 Patterson, D., M.A., min., Merton, Sur.  
 Pattie, Rob. B., M.A., stud., Glasgow  
 Paul, James, M.D., Barnes, Surrey  
 Paul, Rupert, minister, Glasgow  
 Paxton, John, M.D., Kilmarnock  
 Pearce, J. D. M., M.A., teach., M'head  
 Pearson, Archibald, M.D., Glasgow  
 Pearson, James, minister, Kilmeny  
 Peat, Clement J., M.D., Tralee  
 Peebles, John R., M.D., Beith  
 Peirce, G., M.D., N. Cast. Limerick  
 Perry, Robert, M.D., Glasgow  
 Pennel, James, minister, Ballingry  
 Percival, William, M.D., Stradbally  
 Peter, David C., M.D., Longford  
 Peterkin, Alfred, M.A., stu., Nairn  
 Pettigrew, A., min., Belbeggie, Perth  
 Pettigrew, Rev. John, clerk, Belford  
 Pettigrew, W. V., M.D., Up'r Norwood  
 Peyton, Reynolds, M.D., Roscommon  
 Phillips, Wm. H., M.D., Philipsburgh  
 Philps, Geo. M., M.A., st., Hillhead, Gl.  
 Pickering, W. M., M.B., Glasgow  
 Pillans, John, minister, London  
 Pinck, W., M.B., New Mill, Hud'field  
 Pinkerton, James C., solicitor, Perth  
 Pinkerton, John, M.D., London  
 Pinkerton, Robert, M.B., Glasgow  
 Pinkerton, R. H., M.A., stud., Glas.  
 Pinkerton, Wm., min., Kilwinning  
 Pinnock, Rob. D., M.B., Glasgow  
 Pitcairn, Wm., M.D., Connoguhie  
 Playfair, David, minister, Abercorn  
 Pollock, James, minister, Dunscore  
 Pollock, J. I. W., M.A., stu., Glas.



- Pollock, J., surgeon, Newton Mearns  
 Pollock, Robert, minister, Glasgow  
 Pollock, Robert, M.B., Pollokshields  
 Pollock, William, writer, Hamilton  
 Polson, John, minister, Jedburgh  
 Pomphrey, J., min., Orphir, K'kwall  
 Porteous, David, M.D., East Harling  
 Porteous, James, minister, Ballantrae  
 Porter, Geo., M.A., min., Maybole  
 Porter, Jas., M.A., tutor, Cambridge  
 Porter, J. L., M.A., LL.D., min., Belf'st  
 Peter, J. G., min., N'castle-on-Tyne  
 Prichard, Thos., M.D., Northampton  
 Pride, David, M.D., Neilston  
 Pringle, Henry T., M.D., Glamorgan  
 Pringle, John, M.B., Irvine  
 Pritchard, Ernest Jas., M.B., Coventry  
 Proudfoot, George, min., Glasgow  
 Proudfoot, Robert F., min., Fogo  
 Pullar, James, minister, Glenluce  
 Purdon, C., M.D., Curristo'n, W. Mth  
 Purdon, Henry Samuel, M.D., Belfast  
 Purves, David, M.A., stud., Dumfries  
 Purves, John, fellow and lectur., Oxf'd  
 Purves, Wm. S., M.A., advoc., Edin.  
  
 Rae, Matthew John, M.D., Blackburn  
 Rae, R. N., M.A., min., How'd, Paisley  
 Rae, Robt. R., M.A., min., London  
 Rainy, Robt., D.D., prin., Edinb'h  
 Ralston, Alex., teacher, Duntocher  
 Ramsay, Alex., minister, Fenwick  
 Ramsay, G. G., M.A., prof., Glas. Col.  
 Ramsay, Robt., M.D., Lochwinnoch  
 Ramsay, Robert H., M.D., Torquay  
 Ramsay, William H., M.D., London  
 Ramsay, John K., M.D., Galston  
 Rankin, Alex., min., Strathaven  
 Rankin, Alex., M.B., Leadgate, Dur'm  
 Rankin, James, M.A., min., Muthill  
 Rankin, M. A., M.D., Luton, Beds  
 Rankin, Samuel, M.D., Kircubbin  
 Rankine, David, teacher, Bathgate  
 Rawson, Thos. J., M.D., Barronville  
 Readman, G., M.A., advocate, Edin.  
 Rees, George Owen, M.D., London  
 Rees, Robert, M.B., Oswestry  
 Reid, Alex. F., chaplain, Dundee  
 Reid, Hamilton C., M.B., P. Glas.  
 Reid, Henry, M.A., min., Irvine  
 Reid, James, minister, Auldearn  
 Reid, James Thallon, min., Collace  
 Reid, James W., M.B., Evie, K'kwall  
 Reid, J., M.A., stu., Manchester  
 Reid, John, M.B., Crook, Durham  
 Reid, J., M.A., stud., Newton, Ayr  
 Reid, John A., M.A., advoc., Edin.  
 Reid, J. C., M.D., Newbigging-by-Sea  
 Reid, John Eaton, writer, Millport  
 Reid, J. D., M.A., M.D., Glasgow  
 Reid, John, minister, Bridge-of-Allan  
 Reid, John W., M.A., stu., Meigle  
 Reid, M., M.A., B.D., min., Greenock  
 Reid, Mungo, M.A., min., Mearns  
 Reid, Thomas, M.D., Glasgow  
 Reid, William, minister, Kettle  
 Reid, W., min., Hurlford, Kilmarnock  
 Reid, W., M.A., teacher, Cupar-Fife  
 Reid, William, D.D., min., Edinb.  
 Reid, William, minister, Airdrie  
 Reid, William L., M.B., Glasgow  
 Renfrew, John, minister, Glasgow  
 Renison, John, shipbroker, Glasgow  
 Renton, H., M.A., minister, Kelso  
 Rentoul, A., M.A., min., Liverpool  
 Renwick, Thomas, M.B., Glasgow  
 Reston, David, minister, Elderslie  
 Rhodes, Francis, M.B., Gt. Horton  
 Rice, Henry J., M.D., Mountmellick  
 Richmond, Daniel, M.D., Paisley  
 Riddell, John, M.A., min., Glasgow  
 Ridge, Joseph, M.D., London  
 Ridley, John, M.D., Tullamore  
 Ritchie, Andrew, min., Yetholm  
 Ritchie, Andrew, M.D., Pollokshaws  
 Ritchie, Charles, M.D., Glasgow  
 Ritchie, D., wine merchant, Glasgow  
 Ritchie, F. C., M.D., West Kilbride  
 Ritchie, Geo., M.A., min., Jedburgh  
 Ritchie, George, M.D., Ballinghay  
 Ritchie, John, Greenock  
 Ritchie, W., M.D., min., Bovey Tracey  
 Robbie, J., minister, Dunfermline  
 Robertson, J., LL.D., prof., Glasgow  
 Robertson, J., ironfound., Kirkintilloch  
 Roberts, David, M.D., London, S.E.  
 Roberts, W., M.A., minister, Glasgow  
 Robertson, A., licentiate, Glasgow  
 Robertson, Alex., M.D., Glasgow  
 Robertson, Alex., M.B., Gourrock



Robertson, D. D., minister, Dudley  
 Robertson, G., M.D., Port Cumb'land  
 Robertson, James, Edinburgh  
 Robertson, J. R. M., M.D., Renfrew  
 Robertson, J., minister, Edinburgh  
 Robertson, John, writer, Glasgow  
 Robertson, John, minister, Loudon  
 Robertson, John A., M.B., Buckhaven  
 Robertson, John K., M.D., Greenock  
 Robertson, John, M.D., Dumbarton  
 Robertson, John, chaplain, Gartnavel  
 Robertson, P. F., M.D., Milngavie  
 Robertson, R. T. C., M.B., Hamilton  
 Robertson, R. H., accountant, Glas.  
 Robertson, Samuel, vicar, Swinstead  
 Robertson, Thos., accountant, Glas.  
 Robertson, T., preacher, Findochty  
 Robertson, Wm., M.A., min., Banton  
 Robertson, Wm., M.B., Dennistoun  
 Robertson, W. B., D.D., min., Irvine  
 Robinson, W. C., M.A., min., Ballykel.  
 Robson, G., M.A., min., Inverness  
 Robson, J., D.D., minister, Langside  
 Robson, Wm., writer, Edinburgh  
 Roche, John, M.D., Norwich  
 Rodger, D., sometime writer, Lon.  
 Rodger, Matthew, min., St. Andrews  
 Rodger, Robert, M.D., Manchester  
 Rodger, P., M.A., min., Pollokshaws  
 Rodger, R. W., merchant, Glasgow  
 Rodger, William, M.B., Galston  
 Rodgers, J. M., M.A., min., Kilrea  
 Rodgers, J. W., M.A., ins. ofsch's, B'lf't  
 Rodgers, Maxwell, M.D., Chatham  
 Rodgers, William, M.B., Balfron  
 Rogerson, A. B., minister, Burray  
 Rome, J. Little, min., Bournemouth  
 Ronald, G., M.D., Kilsyth  
 Ronald, James, minister, Annan  
 Ronald, John, surgeon, Ayr  
 Ronald, Rob. Wilson, M.D., Crosshill  
 Rorison, William P., min., Dalserf  
 Ross, Alex., rector, Campbeltown  
 Ross, Andrew, minister, Glasgow  
 Ross, Charles M., M.D., Stoneykirk  
 Ross, G. W. H., lt-col., Cromarty House  
 Ross, James Landell, min., Markinch  
 Ross, John Harris, M.D., Brighton  
 Ross, J. Merry, LL. D., teacher, Edin.

Ross, W., M.A., student, Edinburgh  
 Ross, William, chaplain, Edinburgh  
 Ross, William, minister, Embleton  
 Ross, Z. M. H., M.A., teach., Irvine  
 Rowe, William, minister, Glasgow  
 Roxburgh, Jas. F., M.A., stud., Glas.  
 Roxburgh, John, M.A., D.D., Glasgow  
 Roy, John, M.A., min., Baldernock  
 Runciman, D. W., M.A., min., Leslie  
 Russell, Andw., M.A., min., Stirling  
 Russell, Andrew, min., Bradford  
 Russell, A. G., M.D., min., Bradford  
 Russell, Archd., M.A., min., Gourrock  
 Russell, David, min., Dunfermline  
 Russell, George, minister, Cromarty  
 Russell, Hugh, M.D., Ferryhill  
 Russell, James B., M.D., Glasgow  
 Russell, James, min., Old Kilpatrick  
 Russell, James C., min., Campbeltown  
 Russell, J., school-master, Maryhill  
 Russell, J., M.A., min., L'hwinnoch  
 Russell, Thomas, minister, Croydon  
 Rutledge, James, M.D., London  
 Rutherford, J., B.D., stu., Crosshill  
 Ruthven, John, M.A., min., Kinross  
 Ryan, John, M.D., Ballinacally

Salmon, James, M.D., Gosport  
 Samuel, George, minister, Swallowell  
 Saunders, Robert, min., Tundergarth  
 Sandiford, T., M.D., Castle-Martyn  
 Sarjant, S. C., school-master, Derby  
 Saunderson, Robt., M.D., Edenderry  
 Sawers, P., sometime min., Gargunck.  
 Scanlan, H., M.B., R. N. Hos., Haslar  
 Schooles, H. J., M.D., Hythe, Kent  
 Sclater, Thos., M.A., stud., Glasgow  
 Scotland, T., M.B., N'castle-on-Tyne  
 Scott, Alex., M.B., Tolleross, Glasg.  
 Scott, Allan, merchant, Glasgow  
 Scott, Archd., D.D., min., Edinburgh  
 Scott, David, minister, Saltcoats  
 Scott, G. J. C., min., Wallacetown, Ayr  
 Scott, James H., minister, Bonkle  
 Scott, Jas. K., M.A., stud., Birkenhead  
 Scott, John, M.D., Sandwich  
 Scott, R., min., Berwick-on-Tweed  
 Scott, R., M.A., min., Hillhead, Glas.  
 Scott, Robert D., min., Robertson

- Scott, William, minister, Braemar  
 Scott, Wm., jr., mer., Strathaven  
 Scott, W., M.A., Newton Cunningham  
 Scott, William D., B.D., Glasgow  
 Scott, William J., M.B., Glasgow  
 Scoular, John G., min., Rothesay  
 Scoular, John R., min., Glasgow  
 Scriven, Edward H., M.D., Dublin  
 Selfe, H. Selfe, magistrate, London  
 Selkirk, Andrew C., M.D., Carlisle  
 Sellar, W. Young, prof., Edinburgh  
 Sellars, Robert, minister, Greenock  
 Semple, Adam, B.D., min., Huntly  
 Semple, A., staff-surgeon, Chatham  
 Service, Rev. A. H., teacher, Glasg.  
 Service, D.D., M.A., M.D., Kilwinning  
 Service, John, D.D., minister, Inch  
 Service, John, M.B., Hillhead, Glas.  
 Service, John B., B.D., min., Glasg.  
 Service, W., B.Sc., teach., Kilwinning  
 Settle, Robert, M.D., Bolton  
 Seward, Noble, M.D., Templeogue  
 Sewell, W.R., M.D., Garter's, P'shaws  
 Shaen, R., M.A., min., Royston  
 Shairp, J.C., LL.D., prof., St Andrews  
 Shand, A.B., LL.D., sen.-col.-jus., Ed.  
 Shand, John C., M.B., Glasgow  
 Shanks, David, min., Craigrownie  
 Shanks, D., M.A., stud., Glasgow  
 Shanks, Robert, M.A., min., Buckie  
 Shanks, Wm., minister, Maryhill  
 Shannon, J., M.D., Ennistimon  
 Shannon, Peter, M.D., Dublin  
 Shannon, Thos. E., M.D., Ropesley  
 Sharpe, A. Barclay, M.D., London  
 Sharpe, James, M.D., Coothill  
 Shaw, Alexander, surgeon, London  
 Shaw, Charles G., writer, Ayr  
 Shaw, Dugald, minister, Laggan  
 Shaw, James, surgeon, Lenzie  
 Shaw, Wm., licentiate, Greenock  
 Shearer, Francis, M.B., Larkhall  
 Shearer, John, minister, Larkhall  
 Shedden, Hugh, M.A., stu., Kilbirnie  
 Shedden, R., land surveyor, Beith  
 Shedden, Thomas, Arrochar  
 Shedlock, J., M.A., min., London  
 Sheils, Robt. G., M.D., Killyleagh  
 Sheldon, Robert A., M.D. Raphoe  
 Shepherd, W., M.A., min., Aberdeen  
 Shepherd, Wm., M.D., Dunning  
 Short, C., M.A., min., Sheffield  
 Sibthorpe, Henry J., M.D., Dublin  
 Sim, James B., M.D., Nottingham  
 Sime, David, M.B., Innellan  
 Simpson, J., LL.D., min., Fettes, Edin.  
 Simpson, James C., M.D., Glasgow  
 Simpson, R. A., M.B., Egmont, Lon.  
 Sinclair, D., surgeon, Halstead  
 Sinclair, David, M.B., Cawood, Selby  
 St. Clair, James A., M.B., Blackburn  
 Sinclair, John, B.D., minister, Ayr  
 Sinclair, John, M.D., Liverpool  
 Sinclair, J., min., Small Isles, Eigg  
 Sinclair, Robert, M.B., Dundee  
 Sinclair, R. A., M.A., min., Lenzie  
 Sinclair, Wm., minister, Kinnaird  
 Skene, A. R., assist-minister, Leswalt  
 Skene, Wm., M.D., Dewsbury, Yorks.  
 Slater, John T., M.D., London N.  
 Slimon, Geo. C., M.D., London E.  
 Slimon, Wm., M.B., London E.  
 Sloan, Arch., M.B., Glasgow  
 Sloan, D., M.B., Lugar, Cumnock  
 Sloan, John, M.B., Dalry, Ayrshire  
 Sloan, John, M.A., stud., Glasgow  
 Sloan, Samuel, M.D., Glasgow  
 Sloan, William, M.D., Dalry  
 Sloane, J., M.A., min., Whiteness  
 Small, Robert, minister, Galashiels  
 Smart, Robert, M.D., Glasgow  
 Smeaton, John, minister, Tulliallan  
 Smellie, James, M.D., Dennistoun, Gl.  
 Smith, A., M.A., rector, Bathgate  
 Smith, Archd., Row, Dumbartonshire  
 Smith, Algernon W., M.D., Glasgow  
 Smith, Alex. Muir, M.B., Glasgow  
 Smith, David, minister, Tillicoultry  
 Smith, D., M.D., Buntingford, Herts  
 Smith, David T., M.B., Crosshill, Gl.  
 Smith, Edward, M.B., Bolton  
 Smith, E., min., Newton-Stewart  
 Smith, Gabriel, min., Anstruther  
 Smith, G. M., minister, Edinburgh  
 Smith, Gordon, writer, Glasgow  
 Smith, James, writer, Glasgow  
 Smith, J., D.D., minister, Cathcart  
 Smith, James, minister, Cramond

- Smith, James, M.A., stu., Glasgow  
 Smith, J., M.A., ins. of sc., Udd'st'n  
 Smith, J., M.A., minister, Sheffield  
 Smith, James, M.B., Hanslope  
 Smith, John, minister, Glasgow  
 Smith, John, M.A., stud., Tollcross  
 Smith, John B., writer, Glasgow  
 Smith, Robert, minister, Stewarton  
 Smith, Robert A., M.D., Sunderland  
 Smith, R. H., sheriff-clerk, Whithorn  
 Smith, Stevenson, min., Sanquhar  
 Smith, Thomas, M.D., Cheltenham  
 Smith, William, minister, Douglas  
 Smith, W. C., M.D., surg., Bengal  
 Smith, W., M.A., stu., Cartc'gs, P'shs.  
 Smith, Wm. K., B.L., stud., Irvine  
 Smyth, Andrew, M.D., Ballymena  
 Smyth, J., M.A., min., Teskanore  
 Smyth, Lewis, M.D., Lewes  
 Smyth, Luke D., M.D., Hampstead  
 Smyth, R., D.D., prof., Londonderry  
 Smyth, R. J., M.A., min., Ballymoney  
 Smyth, S., M.D., Mount Charles  
 Smyth, W.D., M.D. (R.N.), Oaklands  
 Sneddon, William, M.D., Beith  
 Soden, E., M.D., Mohill, Co. Leitrim  
 Somerville, James, minister, Irvine  
 Somerville, J. E., B.D., min., Br'ty. Fy.  
 Somerville, James E., M.D., Leap  
 Somerville, T., M.A., min., Glasgow  
 Soutar, G.S., M.A., Sandwick, Orkney  
 Spark, J., M.A., minister, Kirkcaldy  
 Spearing, A., M.D., Mill Row, Antrim  
 Speir, Wm. R., M.B., Haltwhistle  
 Speirs, Douglas, M.D., Glasgow  
 Speirs, E. B., M.A., stud., Glasgow  
 Spence, Wm., ironmonger, Glasgow  
 Spencer, Wm. C., M.B., Manchester  
 Spens, W. C., sheriff-sub., Glasgow  
 Sprott, George W., min., Garioch  
 Stainthorpe, W. W., M.D., Wick'm M.  
 Stallybrass, T. C., min., Westham, Es'x  
 Stanley, Henry, M.D., Portadown  
 Stanistreet, Richard, M.D., Malahide  
 Stark, A., M.A., min., Tighnabruaich  
 Stark, James, minister, Gourcock  
 Stark, John, minister, Duntocher  
 Stark, John, minister, Gargunnoch  
 Stark, J., M.A., min., Tighnabruaich  
 Steedman, J. F., M.D., Wellington  
 Steel, James, M.A., stud., Glasgow  
 Steel, Thomas, dyer, Calton  
 Steel, Thomas Heron, M.D., Glasg.  
 Steele, John, min., Portmoak, Kinross  
 Steele, John Charles, M.D., London  
 Steen, George, M.A., min., Hoady  
 Stenhouse, J., assayer, R. mint, Lon.  
 Stenhouse, W. M., M.D., N. Zealand  
 Stephens, J., M.A., min., Berwick  
 Stevenson, Francis L., M.B., Fawley  
 Stephenson, Rt., M.A. physician, Belf.  
 Steven, Chas. B., writer, Edinburgh  
 Steven, James, M.D., Glasgow  
 Steven, Robert, surgeon, Tollcross  
 Steven, Wm. John, min., Montrose  
 Stevens, Robt., M.A., min., Coleford  
 Stevenson, Alexander, Glasgow  
 Stevenson, G., min., Pulteneytown  
 Stevenson, Hugh, minister, Melrose  
 Stevenson, James, jr., mercht., Glas.  
 Stevenson, J. C., manuf., South Shields  
 Stevenson, James, minister, Dublin  
 Stevenson, John, M.B., Forfar  
 Stevenson, John M. P., writer, Glas.  
 Stevenson, J., B.D., min., Kilcreggan  
 Stevenson, John, M.A., min., Notting.  
 Stevenson, J., M.A., architect, Lon. W.  
 Stevenson, Robt., M.A., min., Forfar  
 Stevenson, Robert, minister, Dalry  
 Stevenson, R., M.A., stud., Blairlogie  
 Stevenson, Robt. H., min., Edinb'h.  
 Stevenson, Thomas, min., Balmaghie  
 Stevenson, Thomas, min., Edinburgh  
 Stevenson, Wm., surgeon, Crieff  
 Stevenson, Wm., D.D., prof., Edinb'h.  
 Stevenson, Wm., min., Bothkenner  
 Stevenson, W. F., M.A., min., Ru'glen.  
 Stevenson, W. F., M.A., min., Dublin  
 Stewart, Alex., M.A., min., Killin  
 Stewart, Alex. P., M.D., London  
 Stewart, Angus, minister, Kilmartin  
 Stewart, A., D.D., min., Glasserton  
 Stewart, Archd. D., M.B., Glasgow  
 Stewart, Archd. F., min., Aberfoyle  
 Stewart, Charles, M.A., min., Kilmory  
 Stewart, Chas. W., M.A., Ft.-William  
 Stewart, Donald, M.D., Nottingham  
 Stewart, James, M.D., Whitby

- Stewart, James, M.D., Glasgow  
 Stewart, James, teacher, Kilmarnock  
 Stewart, James, minister, Hawick  
 Stewart, John, M.A., min., Liberton  
 Stewart, John D., min., Crossmichael  
 Steuart, John, min., Glasgow  
 Stewart, Dr. R. W., M.A., min., Legh'n  
 Stewart, Peter, M.D., Glasgow  
 Stewart, Peter, M.B., Langley Moor  
 Stewart, Q., schoolmaster, Ochiltree  
 Stewart, Richard M., min., G'shiels  
 Stewart, R., M.A., min., Nor. Leith  
 Stewart, Robert, M.D., Belfast  
 Stewart, Robert, M.D., Coatbridge  
 Stewart, Robert, minister, Glasgow  
 Stewart, Robert, M.D., Carluke  
 Stewart, Walter, agent, Pollokshaws  
 Stewart, William, M.D., Bacup  
 Stewart, W., M.D., Hyde Park, Lon.  
 Stewart, W., D.D., prof., Glasgow  
 Stewart, Wm., M.D., Portadown  
 Stillie, John, minister, Girvan  
 Stirling, Alexander, min., Monkton  
 Stirling, C., M.B., Bermondsey, S.E.  
 Stirling, David, min., Craigie manse  
 Stirling, Jas. H., LL.D., Edinburgh  
 Stirling, Wm., minister, Coatbridge  
 Stobbs, J. G., M.A., min., Melbourne  
 Stobbs, S. S., min., Lugar, Ayrshire  
 Stobo, George, M.D., Renfrew  
 Stokes, Gabriel, M.D., Mullingar  
 Storry, Alex. R., min., Carmunnock  
 Stothert, Thomas, min., Lumphanan  
 Stout, T., M.A., B.L., writer, Glasg.  
 Strachan, James, M.A., min., Barvas  
 Strang, Chris., M.B., Harrington  
 Strang, Geo., M.A., stud., Dumfries  
 Strang, Geo. W., M.A., min., Camb'n.  
 Strang, John, M.B., Airdrie  
 Strang, John, clerk, Glasgow  
 Strang-Watkins, G. Y., writer, Glas.  
 Strange, Robert, M.D., London  
 Strathern, Robert, writer, Edinburgh  
 Strong, D., M.A., minister, Glasgow  
 Struthers, J., of Avonholm, Glassford  
 Struthers, J., tut., Overfield, Strath'n  
 Struthers, W., M.A., min., Carstairs  
 Stuart, Wm., M.A., stu., Glasgow  
 Stuart, W. L., M.D., Kirkfield, Both.
- Suffield, W. H., M.D., Tatterfrack  
 Sutherland, Alex., min., Strathbungo  
 Sutherland, Arthur, M.B., Glasgow  
 Sutherland, J., M.A., stud., Perth  
 Sutherland, Walter, M.B., Wolveston  
 Swan, David, manufacturer, Maryhill  
 Swan, Jas., Wattison, Lochwinnoch  
 Swan, Wm., shipbuilder, Maryhill  
 Sweeney, W. F., M.B., Newton Cun'm  
 Sweet, Wallace G., min., Glasgow  
 Sweetenham, W. K., M.D., London  
 Swift, Benjamin, M.D., Donnybrook  
 Symes, Glascott, M.D., Kingstown  
 Symington, Wm., min., Dennistoun
- Tagert, R. M., M.D., Carrickmacross  
 Tannahill, John, M.A., min., Penrith  
 Tanner, W. K., M.D., Teap Is., Cork  
 Taplin, H. L., M.A., min., Todmorden  
 Taplin, James F., M.D., Small Heath  
 Tarbert, Richard, teacher, Darvel  
 Taylor, Alex., M.B., Glasgow  
 Taylor, A., merchant, Strathaven  
 Taylor, David, M.D., Paisley  
 Taylor, David, minister, Glasgow  
 Taylor, David, M.B., Glasgow  
 Taylor, D., min., Avond'le, Str'thav'n  
 Taylor, James, M.A., minister, Monie  
 Taylor, James J. B., M.B., Ulverston  
 Taylor, J. R., M.D., New'n., Mt. Ken.  
 Taylor, J. W., M.A., stu., N.-Mearns  
 Taylor, John, M.D., Drum, Clones  
 Taylor, John, schoolmaster, Brodick  
 Taylor, J. M., writer, Glasgow  
 Taylor, John, M.A., teacher, Paisley  
 Taylor, M. C., D.D., min., Edinb.  
 Taylor, Neil, minister, Dundee  
 Taylor, Robert, min., New Pitsligo  
 Taylor, Robert D., M.D., Glasgow  
 Taylor, Rev. Rob. M., librarian, Glas.  
 Taylor, M. H., M.B., Johnstone  
 Taylor, Wm. M., M.A., min., N. York  
 Taylor, Wm., M.A., stud., Green'k  
 Taylor, William, M.D., Chester  
 Taylor, W. C., M.A., stud., Greenock  
 Telford, A. Barr, M.D., Whitefield  
 Templeton, J. L., min., Duntocher  
 Templeton, T., M.A., eng., Kinnoul  
 Tennent, Gavin P., M.D., Glasgow



- Tennant, George, M.B., N.-on-Tyne  
 Tennent, G. Rainy, Edinburgh  
 Tennent, Patrick, W.S., Edinburgh  
 Ternan, John, M.D., London  
 Theobald, Robt. M., M.A., M.D., Lee  
 Thomas, David, min., Lockerbie  
 Thomas, D., M.A., min., Pennycuik  
 Thomas, James, M.D., Selkirk  
 Thomas, W., M.A., solicitor, Glasg.  
 Thomas, Wm., M.A., min., Llandyssil  
 Thompson, Jas. A. B., M.B., Matfen  
 Thompson, S., M.A., min., Donegal  
 Thompson, W. J., M.D., Inistioge  
 Thomson, Alex., M.D., Dumfries  
 Thomson, A., M.A., min., Peebles  
 Thomson, Alf. M., M.B., Plymouth  
 Thomson, Allen, M.D., em-prof., Lon.  
 Thomson, A., D.D., min., Edinburgh  
 Thomson, A. W., C.E., B.Sc., J'stone  
 Thomson, D., M.D., Higham Ferrers  
 Thomson, E. B., M.D., Chelmsford  
 Thomson, G. W., M.D., Haywood  
 Thomson, Hugh, minister, Glasgow  
 Thomson, Jas., LL.D., prof., Glasg.  
 Thomson, James, min., Magherally  
 Thomson, James, minister, Hillhead  
 Thomson, John, minister, Kilmarnock  
 Thomson, John, D.D., min., Paisley  
 Thomson, John, minister, Liverpool  
 Thomson, J., min., N.-C.-on-Tyne  
 Thomson, John, minister, Edinburgh  
 Thomson, J. E. H., M.A., B.D., Stirling  
 Thomson, N. H., advocate, Edinb.  
 Thomson, Peter, minister, Tobermory  
 Thomson, Peter, minister, Paisley  
 Thomson, Robert, min., Glasgow  
 Thompson, Robert, M.D., Johnstown  
 Thomson, R., M.A., min., Rothesay  
 Thomson, Rob. T. W., M.B., Kilbirnie  
 Thomson, Samuel, M.D., Motherwell  
 Thomson, Thos., M.D., Maidstone  
 Thomson, Thomas, W.S., Edinburgh  
 Thomson, Thomas, M.B., Glasgow  
 Thomson, Sir W., D.C.L., prof., Glas.  
 Thomson, W., minister, Edinburgh  
 Thomson, W., minister, Lesmahagow  
 Thomson, Wm., M.B., Peterborough  
 Thomson, W. D., M.A., min., Dumfries  
 Thomson, Wm. G., M.D., Carluke  
 Thomson, W. S., minister, Ford  
 Thorburn, R. T., surgeon, Loanhead  
 Thorburn, Wm., M.A., min., Bury  
 Tinniswood, George, M.D., Norton  
 Tod, Alexander, merchant, London  
 Torrance, John, minister, Glasgow  
 Torrance, John, minister, Dumfries  
 Torrance, James H., M.D., Wolston  
 Torrie, Donald K., min., Glencoe  
 Trimble, R., M.D., Castle-Bellingham  
 Tucker, James, M.D., Sligo  
 Turnbull, George, M.A., min., Dailly  
 Turnbull, John, writer, Glasgow  
 Turner, Duncan, M.A., min., Tealing  
 Turner, Robert, min., Kinnettles  
 Turner, William, farmer, Gavinburn  
 Turner, W. Y., M.B., Demerara  
 Tweedy, Henry, M.D., Dublin  
 Underwood, A., M.A., min., B. on T'nt  
 Unwin, W. J., M.A., LL.D., min., Lon.  
 Ure, A., M.A., lw.-ck., Helensburgh  
 Ure, John, clerk, Glasgow  
 Ure, Neil Shaw, min., Manchester  
 Urquhart, A., M.A., min., Portpatrick  
 Valentine, George, M.B., Girvan  
 Vallance, Jas., min., Tinwald Manse  
 Vardy, Chas. F., M.A., min., London  
 Vary, John, minister, Carmichael  
 Veitch, J., M.A., LL.D., prof., Glas.  
 Vernon, Richard, M.D., Audley  
 Waddell, Arthur R., M.B., Airdrie  
 Waddell, J. C., M.D., Tombl'd, Nor.  
 Waddell, P. H., LL.D., min., Glas.  
 Waddell, P. H., jr., M.A., stud., Glas.  
 Waddell, T. C., D.D., Cumbernauld  
 Waddell, Walter, min., Borthwick  
 Waddell, W. S., merchant, Hamilton  
 Waddell, W. W., M.A., insp. sch., Edin  
 Waddington, Isaac, M.D., Bradford  
 Wade, George, minister, Falkirk  
 Wakefield, Wm., M.D., London  
 Wainwright, J. W., M.D., St. L.-on-Sea  
 Walker, Alex., M.A., min., Millport  
 Walker, Allan, M.B., Seaton Burn  
 Walker, Archd., minister, Row  
 Walker, David, M.A., min., Glasgow



- Walker, George, M.D., Birkenhead  
 Walker, James, preacher, Glasgow  
 Walker, John, Ardpeaton, Cove  
 Walker, John F., Sch'lmaster, Kilsyth  
 Walker, Robert, M.D., Glasgow  
 Walker, Rt., M.A., B.D., stu., Barrh'd  
 Walker, Thos., min., Dalmellington  
 Walker, Wm., M.D., Pollokshaws  
 Walker, William, probat., Greenock  
 Walker, Wm., min., Midcaldor  
 Walker, Wm. M., min., Ochiltree  
 Walker, W. Taylor, M.A., stu., Glas.  
 Wall, Thomas, M.D., Cork  
 Wallace, Alex., D.D., min., Glasgow  
 Wallace, Ed. Jas., M.B., Cleakheaton  
 Wallace, James, M.D., Greenock  
 Wallace, Jas., min., Lochwinnoch  
 Wallace, J., M.A., stud., P.-Glasgow  
 Wallace, Jardine, minister, Traquair  
 Wallace, Samuel, M.D., Cardiff  
 Wallace, William, of Solsgirth  
 Wallace, W., M.B., Auch'nst'g, Kils'h  
 Wallis, Patrick, M.D., Charleville  
 Walsh, Arthr. D., M.D., Cloughjordan  
 Walton, T. U., C.E., B.Sc., Green'k  
 Wardrop, D., M.A., teach., Greenock  
 Wark, David, min., Auchincairn  
 Waters, John H., M.D., London, S.W.  
 Watkins, James H., writer, Glasgow  
 Watson, A., M.A., D.D., min., Dundee  
 Watson, David, M.A., min., Clough  
 Watson, Eben., M.A., M.D., Glasgow  
 Watson, John, M.A., stud., Galston  
 Watson, Robert, M.D., Glasgow  
 Watson, Thomas, writer, Glasgow  
 Watson, Thomas, advocate, Glasgow  
 Watson, Wm., minister, Langholm  
 Watt, D. G., M.A., min., Maidstone  
 Watt, H. G., M.A., stud., Shotts  
 Watt, John C., M.A., stud., Cambridge  
 Watt, Wm., min., Norriston, Thornhill  
 Watt, Wm. M., min., Shotts manse  
 Waugh, Thos., M.D., Stewartstown  
 Weild, A., minister, Thornliebank  
 Weir, Andrew, M.B., Paisley  
 Weir, John, minister, Glasgow  
 Weir, John, M.A., minister, Forfar  
 Weir, John W., M.D., Glasgow  
 Weir, John, M.D., Carrickfergus  
 Weir, James B., M.D., Silverstone  
 Weir, John Craig, minister, Jarrow  
 Weir, Robert, minister, Glasgow  
 Weldon, R. G., M.A., min., Rothesay  
 Wells, G. H., M.A., min., Gorton  
 Wells, J. H., min., Bridge of Earn  
 Welsh, Alexander, M.D., Whitworth  
 Welsh, John, M.D., Ballyshannon  
 Welsh, Walter, min., Auchtertool  
 West, Duncan M'Arthur, Crosshill  
 West, Henry R., M.D., Harpenden  
 West, John Hy., M.D., 59 Brig. Depot  
 Westropp, William, M.D., Limerick  
 Whammond, W., M.D., Jarrow-on-T.  
 Wherland, James R., M.D., Cork  
 White, Adam, advocate, Glasgow  
 White, James, manufac., Overtoun  
 White, John, M.D., Glasgow  
 White, John, M.A., stud., Whiteinch  
 White, John, M.A., min., Baillieston  
 White, J. C., M.A., mer., Crosslet  
 White, M., M.A., min., Blairgowrie  
 White, Peter, minister, Wooler  
 White, Walter, minister, Carnoustie  
 White, William, M.D., Borriscastle  
 Whiteford, A., M.A., stu., Stewarton  
 Whiteford, J., M.A., assis. min., Stir'g  
 Whitehead, Alex., M.B., Paisley  
 Whitelaw, Wm., M.D., Kirkintilloch  
 Whitson, James, M.D., Glasgow  
 Whittaker, James T., M.D., Glasgow  
 Whitworth, Henry, M.D., St. Agnes  
 Whyte, A., M.A., min., Clackmannan  
 Whyte, D., M.A., min., Baun, D'patri'k  
 Whyte, H. L. sec., Workington  
 Whyte, J. B., minister, Hartlepool  
 Whyte, R., M.A., min., Edinburgh  
 Whyte, R. H., minister, Lockerby  
 Whyte, William, B.Sc., Stirling  
 Wight, G., M.A., min., Wamphray  
 Wilkie, J. M., Egremont, Cheshire  
 Williams, B. T., M.A., barris., Lond.  
 Williams, E., M.A., min., Llanelly  
 Williams, E., M.A., teacher, Tydvil  
 Williams, Geo., M.D., Dingle, c. Derry  
 Williamson, D., min., Forgandenny  
 Williamson, Jas. F., prop. agent, Glas.  
 Williamson, R., min., Kingarth, Bute  
 Williamson, Walter, writer, Beith

Williamson, Wm. J., M.A., Derry  
 Willis, George, M.D., Monmouth  
 Willis, M., D.D., professor, Toronto  
 Willison, John, writer, Glasgow  
 Wills, J., teacher, New Kilpatrick  
 Wills, James, M.B., Leadgate, Durham  
 Wilson, Adam J., M.A., stud., Glasg.  
 Wilson, Alex., minister, Glasgow  
 Wilson, A.S., B.Sc., M.A., stud., Glas.  
 Wilson, Allan, M.D., Castle Eden  
 Wilson, Andrew, M.D., Newton Disley  
 Wilson, D., min., Borrowstowness  
 Wilson, David, M.A., stud., Glasgow  
 Wilson, David, M.B., New Washingt'n  
 Wilson, G., M.B., Ashton-under-L.  
 Wilson, George, M.D., Huddersfield  
 Wilson, Henry, M.A., stud., Glasg.  
 Wilson, Henry B., M.B., Glasgow  
 Wilson, Hugh, M.D., Ochiltree  
 Wilson, James, minister, Perth  
 Wilson, James, minister, Dundee  
 Wilson, J., M.A., min., Broughty ferry  
 Wilson, James, M.B., Johnston  
 Wilson, James M., M.B., Chatteris.  
 Wilson, James H., teach., Cupar-Fife  
 Wilson, James G., M.D., Glasgow  
 Wilson, John, town clerk, Rothesay  
 Wilson, John, minister, Helensburgh  
 Wilson, John, minister, Aberdeen  
 Wilson, John, M.A., student, Glasg.  
 Wilson, J., M.A., minister, Methven  
 Wilson, John, M.D., Strathaven  
 Wilson, John, M.D., Carnwath  
 Wilson, John, M.D., Lanchester  
 Wilson, J.G., M.D., Ash.-under-Lyne  
 Wilson, John S., M.D., Bellshill  
 Wilson, John, M.D., Glasgow  
 Wilson, John, minister, Bellshill  
 Wilson, John, M.D., Brookborough  
 Wilson, John R., M.A., stud., Glasgow  
 Wilson, J., M.A., sc. mas., Leatherh'd  
 Wilson, Matthew, M.A., Edinburgh  
 Wilson, P., M.A., min., Whiteinch  
 Wilson, Robert, surgeon, Coatbridge  
 Wilson, R., M.A., min., N. Ronaldshay  
 Wilson, Robert, M.D., Alnwick  
 Wilson, R.A., M.D., Hornby, Lancas  
 Wilson, Stewart, M.D., Omagh  
 Wilson, T., M.A., min., Lesmahagow

Wilson, Thomas C., min., Dunkeld  
 Wilson, Thomas L., min., Longridge  
 Wilson, T.R., teach., Meigle, P'hshire  
 Wilson, William, minister, Kippen  
 Wilson, William, M.D., Lugar  
 Wilson, W. B., preacher, Bellshill  
 Wilson, William A., M.D., Greenock  
 Wilson, William M., writer, Govan  
 Wingate, William, minister, Ryde  
 Winn, James M., M.D., London  
 Wishart, Robert, min., Thornhill  
 Wolfe, John Reissberg, M.D., Glas.  
 Woodburn, Jas. C., M.D., Glasgow  
 Woodgates, Sam. H., M.D., Bright'n  
 Woods, Thomas, M.D., Parsonstown  
 Wotherspoon, W.L., min., Kilspindie  
 Wray, Wm., M.A., min., Cookstown  
 Wright, Alex., M.A., min., Stirling  
 Wright, D., M.A., min., Bellahouston  
 Wright, Hugh, solicitor, Edinburgh  
 Wright, Peter, minister, Forfar  
 Wright, Stewart, minister, Blantyre  
 Wright, William, minister, Lochee  
 Wyer, Otho F., M.D., Leamington  
 Wylie, A. Howie, M.D., Oldham  
 Wylie, A., M.A., minister, Glasgow  
 Wylie, Alexander, W.S., Edinburgh  
 Wyhe, John, M.B., Sunderland  
 Wylie, W., M.A., teacher, Glasgow  
 Wyllie, Wm., M.D., Kirby, Lonsdale  
 Wyllie, Wm., M.A., min., Eyemouth

Yair, David W., minister, Glasgow  
 Yair, Jos., M.A., minister, Eckford  
 Yeaman, George, M.D., Glasgow  
 Yeo, Gerald, M.D., Harling, Petersf'd  
 York, William, writer, Glasgow  
 Young, Alexander, writer, Glasgow  
 Young, Alex., minister, Glasgow  
 Young, Arch., M.A., min., Aberd'n  
 Young, David, M.B., Hamilton  
 Young, David, D.D., minister, Glasg.  
 Young, James, minister, Selkirk  
 Young, James W., writer, Kilsyth  
 Young, J., M.D., professor, Glasgow  
 Young, John, M.D., Sheffield  
 Young, John, minister, Greenock  
 Young, Thos., M.B., Glasgow College  
 Young, T.C., jr., M.A., B.L., wr., Glas.

Young, Wm. G., M.D., Glasgow	Yuille, James, minister, Peterhead
Young, W., proba., W. Fullwood	Yuille, Andrew B., Darleith

*The following Names have been added to the Registration Book since the Register was made up.*

Annan, Arch.J., B.L., writer, Glasgow	M'Innes, Alex., teacher, Glasgow
Fergus, John, M.B., Cape Colony	Paterson, Chas. A., M.A. stud., Glas.
Inglis, John, missionary, N. Hebrides	Stewart, Robert, minister, Lisbon

## APPENDIX II.

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*STUDENTS' LITERARY SOCIETIES.*

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## THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all students attending the Glasgow University Divinity Hall.

*Honorary President.*

Rev. James Robertson, M.A., Professor of Oriental Languages.

*President*—Archibald E. Dewar, M.A.

*Secretary*—Robert B. Pattie, M.A.

*Committee.*

James Arthur, M.A.  
Robert Kemp.

Wm. T. P. Macdonald.

(With two additional members to be elected in November.)

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MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations and Debates.

All Medical Students and Medical men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of Two Shillings and Sixpence.

All Qualified Medical Practitioners of more than one year's standing are eligible for Extraordinary Membership.

Meetings of the Society are held in the Forensic Medicine Classroom every Friday Evening during the Winter Session at 7.30 p.m.

*Honorary President*—Professor Buchanan, M.D.

*President*—Donald M'Phail, M.B., C.M.

*Vice-Presidents.*

*Senior*—Mr. J. Thomson.

*Junior*—Mr. A. Macphee.

*Secretaries.*

*Corresponding*—Mr. R. D. Stevenson.

*Minute*—Mr. James Dunlop.

*Treasurer*—Mr. Alexander Stewart.

*Committee.*

Mr. D. Cairns.	Mr. John Yair.
„ R. Macpherson,	„ J. W. Anderson, M.A.
„ E. Evans.	„ J. L. Steven.
„ John M. Cameron.	„ C. W. Stewart, M.A.
Mr. D. Robertson, B.A. Oxon.	



## APPENDIX III.

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UNIVERSITY OF GLASGOW  
LOCAL EXAMINATIONS.

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## BOARD OF MANAGEMENT.

Vice-Chancellor and Principal JOHN CAIRD, D.D., *President*.

Professor W. P. DICKSON, <i>Vice-President</i> .	Professor STEWART.
„ NICHOL.	„ FERGUSON.
„ RAMSAY.	„ JEBB.
„ VEITCH.	„ M'KENDRICK.
„ E. CAIRD.	„ CLELAND.
„ YOUNG.	„ LINDSAY, Free Church
„ BERRY.	College.

WM. PATRICK, B.D., *Secretary*.

## EXAMINERS.

JAMES ARTHUR, M.A.; JAMES BONAR, M.A.; JAMES T. BOTTOMLEY, M.A.; Professor E. CAIRD, LL.D.; Rev. COLIN CAMPBELL, B.D.; Professor CLELAND, M.D.; BENJ. F. C. COSTELLOE, M.A.; Professor A. DICKSON, M.D.; Professor W. P. DICKSON, D.D.; Professor DITTMAR, Anderson's College; J. J. DOBBIE, M.A.; Rev. A. F. FRASER, B.D.; Professor FERGUSON, M.A.; Professor GRANT, LL.D.; R. GREENLEES, School of Design; W. R. HERKLESS, M.A.; JOHN HUTCHESON; W. JACK, LL.D.; Professor R. C. JEBB, M.A.; W. Y. KING, M.A.; Professor LINDSAY, D.D., Free Church College; ALEX. MURDOCH; JOHN MACCUNN, M.A.; ALEX. R. MACEWEN, M.A.; DONALD MACFARLANE; Professor M'KENDRICK, M.D.; Rev. A. S. MACPHEE, B.D.; Sir DANIEL MACNEE, LL.D., P.R.S.A.; Professor NICHOL, LL.D.; Rev. JAS. ORR, B.D.; W. PATRICK, B.D.; Professor RAMSAY, M.A.; W. RAMSAY, Ph.D.; G. A. SONNENSCHN, B.A.; Professor STEWART, D.D.; J. A. STEWART, M.A.; Professor Sir W. THOMSON, LL.D.; Professor VEITCH, LL.D.; FRANCIS W. WALROND, B.A.; J. MUIR WOOD; Professor YOUNG, M.D.

The Board may add to the number of Examiners before the date fixed for the Examination.

## LOCAL SECRETARIES.

<i>Dumbarton</i> ,	- - -	Rev. Daniel Gunn, M.A.
<i>Rothsay</i> ,	- - -	„ J. F. Macpherson, B.D.
<i>Greenock</i> ,	- - -	M. F. Dunlop, Esq., Writer.

## SCHEME OF EXAMINATION FOR 1879.

THE University in establishing these Examinations seeks to raise the standard of education, and to furnish a test by which the work done in the Higher Schools may be impartially tried. By means of these Examinations teachers are enabled to judge of the success of their efforts, and parents of the progress and attainments of their children; while private students, and those who continue their studies after leaving school, have an opportunity of estimating the extent and accuracy of their knowledge.

The Board will hold an Examination in 1879, commencing on 14th May. Both boys and girls are admitted, but boys are not admitted above the age of 18.

Schedules may be obtained from the Secretary, on which candidates are required to state, 1st, their age at last birthday; 2nd, the place of their education, whether at school\* or in private; 3rd, the subjects in which they seek examination. Intending candidates must fill up and return the schedules of application, not later than April 24th, forwarding the fees at the same time. They will receive in return a ticket of admission to the Examination.

## PLACE OF EXAMINATION.

The Examination will be held at such place or places in Glasgow as may be found convenient: and at such places as the Board may appoint in the following counties enumerated in the Burgh and Parochial Schoolmasters' Act 1861, as forming the school district for Glasgow University: viz., Argyll, Ayr, Bute, Dumfries, Dumbarton, Kirkcudbright, Lanark, Renfrew, Wigtown.

Local Centres will be formed in any of these counties for schools undertaking to send up not less than six candidates. At each Local Centre a Local Committee must be formed to make arrangements for the Examinations.

The successful candidates will be ranked in two Divisions, the first including those who pass in not less than *three special* subjects; the second, those who pass in only *two special* subjects. Candidates in each Division will be ranked in *Two Classes*. In determining the order of merit, the aggregate of marks gained will be taken; but in the case of candidates who take *more than three special* subjects, no marks will be given for such additional

\* Candidates are required to state the name of the school they have attended.

subjects unless the candidate has gained more than 40 per cent. of the attainable marks; and the marks added from such additional subjects will be the aggregate marks gained, *minus* 40 per cent.

The Certificates granted by the Board will be signed by the Vice-Chancellor of the University, and will enumerate the subjects\* in which the candidate has passed. These Certificates are of two classes, Ordinary or Junior and Honour or Senior.

## ORDINARY OR JUNIOR CERTIFICATES.

For these Certificates candidates must pass in the Common Subjects and also in a certain number of the Special Subjects. The latter are arranged in Departments, from which candidates may make selection. Candidates may present themselves for examination in Drawing and Music; their proficiency will be recorded in the Certificate, but the numerical values obtained will not be added to the candidates' aggregate marks. It is not necessary that candidates should take the Common and Special Subjects at the same time; if successful in the former, they will be registered as having passed, but no Certificate will be issued till the Special Subjects are taken at the next or a subsequent Examination.

## COMMON SUBJECTS.

The quality of the handwriting and the spelling will be taken into account in judging the following exercises:—

1. *English*.—Writing to Dictation. English Composition: an essay on a theme to be prescribed. Grammar: Syntax, and Parsing.

2. *History*.—The leading events in the History of England and Scotland from 1603 to 1660. (Books suggested: Gardiner's First Two Stuarts; the relative portion of Green's Short History of the English People:)

3. *Geography*.—Geography of Asia. Outline Maps will be supplied on which candidates will be required to indicate the position of rivers, mountains, towns, &c.

4. *Arithmetic*.—Elementary Arithmetic, including Simple Proportion and Vulgar Fractions.

\* While both the literary and the scientific subjects remain fixed, the passages and authors in the former, and the particular groups, &c., in the latter, may be varied from year to year.

5. *Latin*.—Grammar. Translation of easy sentences into English, and Parsing.

Girls are not required to take Latin.

6. *Scripture History*.—A knowledge of the contents of St. Matthew's Gospel, and the Acts of the Apostles.

### SPECIAL SUBJECTS.

The candidates must offer themselves for examination in not less than *two*, and not more than *five* subjects. The selection must be made from at least two of the following Departments, but only *one* subject may be taken in Department D.

#### DEPARTMENT A.

1. *English Composition*.—Passage from Shakespeare's *Julius Cæsar*. Passage from a work to be selected by the Examiner. The passages to be analysed, and the etymology of the words noted to be given. A short essay.

2. *English Literature*.—A paper of questions on the history of English Literature from 1660 to 1745.

3. *History and Geography*.—History of England and Scotland from 1660 to 1745; Geography of the United Kingdom.

#### DEPARTMENT B.

1. *Latin*.—Passages from Cæsar, *De Bello Gallico*, B. II., and Ovid's *Metamorphoses*, B. II., 1-350, to be translated into English. Questions in grammar. Easy passage of English to be translated into Latin, the less common words being supplied.

2. *Greek*.—Passages from Xenophon's *Anabasis*, B. II., to be translated into English. Questions in grammar. Simple English sentences to be translated into Greek, the words being supplied.

3. *French*.—Passages from Voltaire's *Charles XII.*, Books III. and IV., to be translated into English. Questions in grammar. An easy English passage to be translated into French.

4. *German*.—Passages from Fouque's *Undine*, to be translated into English. Questions in grammar. An easy English passage to be translated into German.

#### DEPARTMENT C.

1. *Mathematics*.—Euclid, Books I., II., III. Arithmetic. Algebra. (The Four Rules and Simple Equations.)

2. *Natural Philosophy*.—The subjects treated in Balfour Stewart's *Lessons in Elementary Physics*, or equivalent works.

3. *Astronomy*.—The subjects treated in Lockyer's *Lessons in Astronomy*.

#### DEPARTMENT D.

1. *Chemistry*.—Laws of Combination. Water. Atmospheric Air. Combustion. (The relative portions of Roscoe's *Elementary Chemistry*, Williamson's *Chemistry for Students*, or Wilson's *Inorganic Chemistry*.)

2. *Botany*.—Vegetable Organography. Elementary Physiology. Flowering and flowerless plants. Demonstration of Orders Ranunculaceæ, Cruciferae, Leguminosæ, Rosaceæ, Umbelliferae, Compositæ. (Oliver's *Lessons in Botany*. Balfour's *Elements of Botany*.)

3. *Zoology*.—The characters of the leading divisions of the Animal Kingdom, not going lower than Orders. (Nicholson's *Manual of Zoology*.)

4. *Physiology*.—The general structure of the parts of the skeleton, backbone, thorax, head, limbs. The general position of the more important organs of the body. Explanation of the necessity for air, water, food. The process of digestion. The circulation of the blood. The functions of nerves and muscles. (*Animal Physiology*, by Dr. M'Kendrick; Chambers' series.)

5. *Geology and Physiography*.—The form of the earth. Causes of the seasons, continents, rivers. The sources of the sediments. Chief classes of sedimentary rocks. (Dr. Young's *Physical Geography*, Collins' series. Geikie's *Physical Geography*.)

#### VOLUNTARY SUBJECTS.

##### DEPARTMENT A.

1. *Drawing*.—Drawing from the Flat, with Light and Shade.

2. *Drawing in Perspective*.

The candidate may take either or both.

##### DEPARTMENT B.

*Music*.—Explanation of Intervals. Formation of Scales. Different kinds of Time.

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#### HONOUR OR SENIOR CERTIFICATES.

Candidates who have not previously taken the Ordinary Certificate must pass in the Common Subjects as well as in a selection of the Special Subjects.



Candidates are required to profess not less than *two*, nor more than *six* subjects. The selection must be made from at least two of the following Departments, but only *one* subject may be taken in Department D.

## SPECIAL SUBJECTS.

### DEPARTMENT A.

1. *English Literature*.—English Literature of 17th century. Shakespeare's *Tempest* and Milton's *Comus*.
2. *History*.—French Revolution from 1789 to 1803.
3. *Political Economy*.—Mrs. Fawcett's *Political Economy for Beginners*.
4. *Logic*.—Jevons' *Lessons in Logic*—(*Terms, Judgments, Reasonings, Fallacies*.)

### DEPARTMENT B.

1. *Latin*.—Translation into English of passages from Virgil, *Æneid* I., and Cicero, *Orations against Catiline*. Translation of an easy passage from a book not prescribed. Translation into Latin of an easy English passage.
2. *Greek*.—Translation into English of passages from Homer, *Iliad*, B. I., and Herodotus, B. V., Chaps. 1-30. Translation into Greek of simple English sentences.
3. *French*.—Translation into English of French passage selected by the Examiner. Questions in Grammar. Translation of English passage into French.
4. *German*.—Translation into English of German passage selected by the Examiner. Questions in Grammar. Translation of English passage into German.

### DEPARTMENT C.

1. *Mathematics*.—Arithmetic. Euclid, Books I.-IV. and VI. Algebra—(Elementary Algebra, Equations with one or two unknown quantities, Fractions, Surds, Quadratic Equations, Arithmetical and Geometrical Progression, and Combinations). Plane Trigonometry—(Mensuration of the Circle, the Trigonometrical Ratios, the solution of Triangles by Logarithms).
2. *Natural Philosophy*.—Elements of Mechanics and of Experimental Physics. (Balfour Stewart's *Lessons in Elementary Physics*, and Goodwin's *Mechanics*, or Thomson and Tait's *Elements of Natural Philosophy*.)

3. *Astronomy*.—The subjects treated in Dunkin's edition of Lardner's *Astronomy*, or in equivalent books.

#### DEPARTMENT D.

1. *Chemistry*.—General principles of Chemistry, including calculations with combining weights. Chemistry of the more important metals, including testing. (The relative portions of Roscoe's *Elementary Chemistry*, Williamson's *Chemistry for Students*, or Wilson's *Inorganic Chemistry*.)

2. *Botany*.—Vegetable Organography. Elementary Physiology. Flowering and flowerless plants. Demonstration of Orders Ranunculaceæ, Cruciferae, Caryophyllaceæ, Leguminosæ, Rosaceæ, Umbelliferae, Compositæ, Labiatae, Liliaceæ, and Gramineæ. (Oliver's *Lessons in Botany*.)

3. *Zoology*.—The characters of Molluscs, Insects, and Birds. The common plan of the Vertebrates compared with that of Non-vertebrated animals. (Nicholson's *Manual of Zoology*.)

4. *Human Physiology*.—The mechanical arrangements of bones, joints, and muscles. A general knowledge of the cells, fibres, and tubes in the body, as revealed by the microscope. Food. Digestion. Absorption. Circulation of the blood. Respiration. Secretion and Excretion. The structure and functions of nerves. A general knowledge of the functions of the brain and spinal cord. Reflex actions. The general mechanism of the organs of sense. Special knowledge of the functions of various parts of the eye. (Cleland's *Physiology*, Collins' series; Huxley's *Physiology*.)

5. *Geology*.—Stratification and its disturbances. Volcanoes and their products. The division and characters of the Palæozoic Strata.

#### VOLUNTARY SUBJECTS.

##### DEPARTMENT A.

1. *Drawing*.—Drawing from a Model with Light and Shade, or in Sepia.

2. Drawing in Perspective.

The Candidate may take either or both.

##### DEPARTMENT B.

*Music*.—Knowledge of Common Chords, major and minor. Resolution of the discord of the seventh. Writing a harmony to a given bass.

## FEES.

The fee for the Ordinary Examination will be 20s.; for the Honour Examination, if taken thereafter, 20s. Candidates who compete for the Honour without having previously taken the Ordinary Certificate, are required to pay 30s. The fee is not returned in any circumstances.

## EXAMINATION OF SCHOOLS.

Applications to the Board for the appointment of Examiners may be made by the authorities of any school which has a regularly constituted governing body, or of any school which prepares a fair proportion of its boys for the universities, but no application can be received on behalf of a school under Government inspection. The subjects in which Examination is sought must be submitted to the Board for approval.

The Board reserves the right of declining to entertain an application for the appointment of Examiners.

The Examiners' reports will be submitted to the Board before transmission to the Managers or Head-Masters of the schools examined.

No certificates will be granted by the Examiners or the Board to individual pupils in any school examined, except to those who have been presented at the Local Examinations.

Information may be obtained from the forthcoming Report for the year 1878, or on application by letter addressed to the Secretary of the Board, at the University.

By order of the Board,

WM. PATRICK, B.D., *Secy.*

## TIME TABLE, 1879.

WEDNESDAY, May 14.	THURSDAY, May 15.	FRIDAY, May 16.
9-10.30. <i>Preliminary English.</i>	9-10. <i>Preliminary Scripture History.</i>	9-11. <i>History.</i> <i>Astronomy.</i>
10.30-12. <i>Preliminary Arithmetic.</i>	10-12. <i>Preliminary History and Geography.</i>	
INTERVAL 12-2.	INTERVAL 12-2.	INTERVAL 11-2.
2-4. <i>Latin.</i> <i>German.</i>	2-3. <i>Preliminary Latin.</i>	2-4. <i>Chemistry.</i> <i>Botany.</i> <i>Zoology.</i> <i>Human Physiology.</i> <i>Geology.</i> <i>English Composition.</i> <i>Political Economy.</i>
	3-5. <i>Mathematics.</i> <i>Logic.</i>	
INTERVAL 4-6.	INTERVAL 5-6.	INTERVAL 4-6.
6-8. <i>Greek.</i> <i>French.</i>	6-8. <i>Natural Philosophy.</i>	6-8. <i>English Literature.</i>

The Hours for Music and Drawing will be arranged to suit the convenience of Candidates.

# UNIVERSITY OF GLASGOW.

## SPECIMEN SCHEDULE of APPLICATION for UNIVERSITY LOCAL EXAMINATIONS.

To the Secretary of the Local Examination Board.

Sir,—I hereby make application to be admitted to the University Local Examination to be held in May, 1879. I desire to be examined in the undernoted subjects which I have marked with an asterisk (\*), viz.:—

### \*COMMON SUBJECTS.

#### SPECIAL SUBJECTS for ORDINARY or JUNIOR CERTIFICATE.

Department A.	Department C.
*1. English Composition.	1. Mathematics.
*2. English Literature.	2. Natural Philosophy.
*3. History and Geography.	3. Astronomy.
Department B.	Department D.
1. Latin.	1. Chemistry.
2. Greek.	2. Botany.
*3. French.	3. Zoology.
4. German.	4. Physiology.
	5. Geology and Physiography.

#### VOLUNTARY SUBJECTS in connection with ORDINARY or JUNIOR CERTIFICATE.

Department A.	Department B.
DRAWING.	*MUSIC.
*1. Drawing from the Flat with Light and Shade.	
2. Drawing in Perspective.	

#### SPECIAL SUBJECTS for HONOUR or SENIOR CERTIFICATE.

Department A.	Department C.
1. English Literature.	1. Mathematics.
2. History.	2. Natural Philosophy.
3. Political Economy.	3. Astronomy.
4. Logic.	Department D.
Department B.	1. Chemistry.
1. Latin.	2. Botany.
2. Greek.	3. Zoology.
3. French.	4. Human Physiology.
4. German.	5. Geology.

#### VOLUNTARY SUBJECTS in connection with HONOUR or SENIOR CERTIFICATE.

Department A.	Department B.
DRAWING.	MUSIC.
1. Drawing from Model with Light and Shade.	
2. Drawing in Perspective.	

I am, Sir, your obedient Servant,

Name, JANE SMITH,

Address, 17 Abercorn Street, Dumfries.

Age at last birth-day, 20.

Place of Education, Private.



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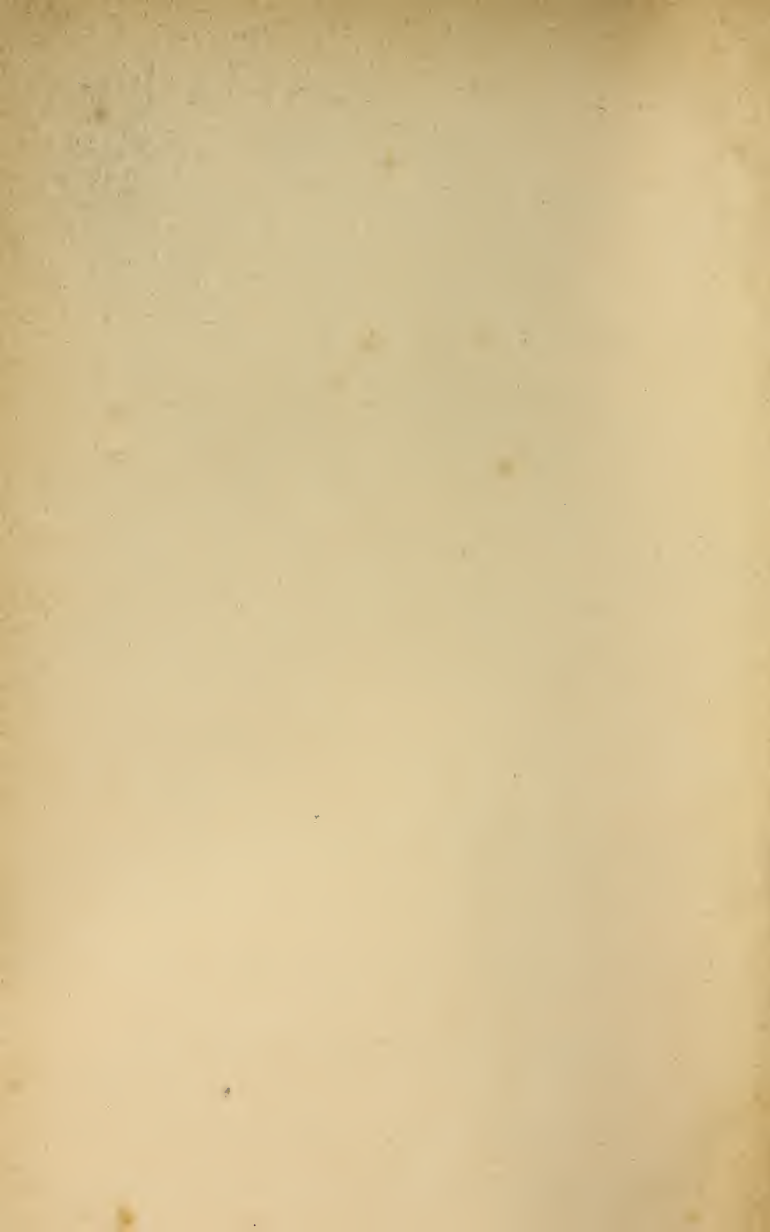
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